



Cisco Optics-to-Device Compatibility Matrix Results

Network Device Product Family

C2960P
C2960S
C2960C
C2960X
C2960XR
C9400
C9500
N3500
N2000
N5000
N6000
N7000
UCSB
UCSC
CRS
NCS5000
NCS5500
FPRHIGH
FPRUHI
CE500
CE520
ME3750
C4KTOR
C2940
C2950
C2960L
C2960CX
C2970
C2975
C3560CX
C6500
C6800
C2350

C2960P
C2360
OS
N4000
3800
UBR7200
7300
7304
UBR10K
GSR
ASR900
RANTRAN
ASAMID
AIRCTU
FPRMID
C4900
N9300
N3000
C9300
N9500
N9200
WANLAN
ASR9000
800BB
7200
C6000
7600
ASR1000
ASR903
ASR901
ASR920
NCS4200
C3750
ME3400
ME3600X
ME3800X
C4500
C4500X

C2960P
IE1000
IE2000
IE3000
IE4000
IE5000
CGS2500
CGR2000
C3850
C3750X
C3650
C3560
C3560C
C3560X
C2960
NCS540
NCS560
ISR3900
ISR4000
ISR2900
AIRCT12
ASAHIGH
C9200
C9200L
C9600
C9300L
ME1200
C9800
IE3200
IE3300
IE3400
N7700
C1000
ISR1100
CBS350 Series
CBS250 Series
NCS520
8000 Series

C2960P
 C8500
 C8300
 CGPON
 CMICR
 C9300X
 UCSX
 C8200
 ESS3000
 ESR6300
 N3550
 C9200CX
 C9300LM
 IE9300
 C1100
 CBS220 Series
 C1200
 C1300
 FPRLOW
 CSF4200
 FPRMID3
 IE3100
 IR8000
 SKYHW
 IR1100
 8010 Series
 CSF1200
 C8100
 C8400
 C9350
 IR1800

C9300L

Network Device Product ID	Transceiver Product ID	Transceiver Business Unit	Data Rate	Form Factor	Reach	Cable Type	Media	Connector Type	Transceiver Type	Case Temp	DOM Capable	Min Software Support	DOM Support
C9300L-24UXG-2Q	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XE 17.1.1	IOS XE 17.1.1

Network Device Product ID	Transceiver Product ID	Transceiver Business Unit	Data Rate	Form Factor	Reach	Cable Type	Media	Connector Type	Transceiver Type	Case Temp	DOM Capable	Min Software Support	DOM Support
Network Device Notes for above line : • For QSFP ports, QSA (CVR-QSFP-SFP10G) is required. Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
C9300L-24T-4G	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XE 16.12.1	IOS XE 16.12.1
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
C9300L-48T-4G	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XE 16.12.1	IOS XE 16.12.1
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
C9300L-24P-4G	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XE 16.12.1	IOS XE 16.12.1
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
C9300L-48P-4G	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XE 16.12.1	IOS XE 16.12.1
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
C9300L-24T-4X	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XE 16.12.1	IOS XE 16.12.1
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
C9300L-48T-4X	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XE 16.12.1	IOS XE 16.12.1
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
C9300L-24P-4X	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XE 16.12.1	IOS XE 16.12.1
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
C9300L-48P-4X	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XE 16.12.1	IOS XE 16.12.1
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
C9300L-24UXG-4X	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XE 16.12.2	IOS XE 16.12.2
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
C9300L-48UXG-4X	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XE 16.12.2	IOS XE 16.12.2
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
C9300L-48UXG-2Q	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XE 17.1.1	IOS XE 17.1.1
Network Device Notes for above line : • For QSFP ports, QSA (CVR-QSFP-SFP10G) is required. Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
C9300L-48PF-4X	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XE 16.12.2	IOS XE 16.12.2
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
C9300L-48PF-4G	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XE 16.12.2	IOS XE 16.12.2
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													

C2940

Network Device Product ID	Transceiver Product ID	Transceiver Business Unit	Data Rate	Form Factor	Reach	Cable Type	Media	Connector Type	Transceiver Type	Case Temp	DOM Capable	Min Software Support	DOM Support
WS-C2940-8TF-S	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 12.1(13)AY	—
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													

ISR4000

Network Device Product ID	Transceiver Product ID	Transceiver Business Unit	Data Rate	Form Factor	Reach	Cable Type	Media	Connector Type	Transceiver Type	Case Temp	DOM Capable	Min Software Support	DOM Support
4451-X	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XE 3.1	IOS XE 3.1
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
4431	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XE 3.1	IOS XE 3.1
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
4351	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XE 3.15	IOS XE 3.15
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
4331	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XE 3.15	IOS XE 3.15
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
4321	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XE 3.15	IOS XE 3.15
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
4221	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XE 16.4.1	IOS XE 16.4.1
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
4461	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XE 3.1	IOS XE 3.1
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
NIM-1GE-CU-SFP	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XE 3.15	IOS XE 3.15
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
NIM-1GE-CU-SFP	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XE 16.4.1	IOS XE 16.4.1
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
NIM-2GE-CU-SFP	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XE 3.15	IOS XE 3.15
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
SM-X-6X1G	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XE 3.15	IOS XE 3.15
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
SM-X-4X1G-1X10G	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XE 3.15	IOS XE 3.15
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													

ASR9000

Network Device Product ID	Transceiver Product ID	Transceiver Business Unit	Data Rate	Form Factor	Reach	Cable Type	Media	Connector Type	Transceiver Type	Case Temp	DOM Capable	Min Software Support	DOM Support
A9K-40GE-B	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XR 4.1.1	IOS XR 4.1.1
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
A9K-40GE-E	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XR 4.1.1	IOS XR 4.1.1
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
A9K-2T20GE-B	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XR 4.1.1	IOS XR 4.1.1

Network Device Product ID	Transceiver Product ID	Transceiver Business Unit	Data Rate	Form Factor	Reach	Cable Type	Media	Connector Type	Transceiver Type	Case Temp	DOM Capable	Min Software Support	DOM Support
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
A9K-2T20GE-E	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XR 4.1.1	IOS XR 4.1.1
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
A9K-2T20GE-L	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XR 4.1.1	IOS XR 4.1.1
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
A9K-40GE-L	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XR 4.1.1	IOS XR 4.1.1
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
A9K-MPA-20X1GE	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XR 4.2.0	IOS XR 4.2.0
Network Device Notes for above line : • On MOD80 & MOD160													
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
A9K-MPA-20X1GE	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XR 6.0.1	IOS XR 6.0.1
Network Device Notes for above line : • On MOD200 & MOD400													
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
ASR-9001	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XR 4.3.0	IOS XR 4.3.0
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
A9K-40GE-TR	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XR 5.2.2	IOS XR 5.2.2
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
A9K-40GE-SE	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XR 5.2.2	IOS XR 5.2.2
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
A9K-4T16GE-TR	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XR 5.3.0	IOS XR 5.3.0
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
A9K-4T16GE-SE	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XR 5.3.0	IOS XR 5.3.0
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
A9K-RSP440-TR	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XR 4.2.3	IOS XR 4.2.3
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
A9K-RSP440-SE	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XR 4.2.3	IOS XR 4.2.3
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
ASR-9922-RP-SE	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XR 4.3.1	IOS XR 4.3.1
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
ASR-9922-RP-TR	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XR 4.3.1	IOS XR 4.3.1
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
ASR-9000V-AC	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XR 4.3.0	IOS XR 4.3.0
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
ASR-9000V-DC-A	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XR 4.3.0	IOS XR 4.3.0
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
ASR-9000V-DC-E	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XR 4.3.0	IOS XR 4.3.0
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													

Network Device Product ID	Transceiver Product ID	Transceiver Business Unit	Data Rate	Form Factor	Reach	Cable Type	Media	Connector Type	Transceiver Type	Case Temp	DOM Capable	Min Software Support	DOM Support
ASR-9000V-24-A	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XR 4.3.0	IOS XR 4.3.0
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
A9KV-V2-AC	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XR 4.3.0	IOS XR 4.3.0
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
A9KV-V2-DC-A	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XR 4.3.0	IOS XR 4.3.0
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
A9KV-V2-DC-E	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XR 4.3.0	IOS XR 4.3.0
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
A9K-24X10GE-1G-SE	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XR 64 Bit 6.2.1	IOS XR 64 Bit 6.2.1
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
A9K-24X10GE-1G-SE	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XR 6.2.1	IOS XR 6.2.1
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
A9K-24X10GE-1G-TR	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XR 64 Bit 6.2.1	IOS XR 64 Bit 6.2.1
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
A9K-24X10GE-1G-TR	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XR 6.2.1	IOS XR 6.2.1
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
A9K-48X10GE-1G-SE	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XR 64 Bit 6.2.1	IOS XR 64 Bit 6.2.1
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
A9K-48X10GE-1G-TR	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XR 64 Bit 6.2.1	IOS XR 64 Bit 6.2.1
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
A9K-48X10GE-1G-TR	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XR 6.2.1	IOS XR 6.2.1
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
A9K-RSP440-LT	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XR 4.2.3	IOS XR 4.2.3
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
A99-48X10GE-1G-SE	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XR 64 Bit 6.5.2	IOS XR 64 Bit 6.5.2
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
A99-48X10GE-1G-SE	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XR 6.5.2	IOS XR 6.5.2
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
A99-48X10GE-1G-TR	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XR 64 Bit 6.5.2	IOS XR 64 Bit 6.5.2
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
A99-48X10GE-1G-TR	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XR 6.5.2	IOS XR 6.5.2
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
ASR-9901	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XR 64 Bit 6.4.1	IOS XR 64 Bit 6.4.1

Network Device Product ID	Transceiver Product ID	Transceiver Business Unit	Data Rate	Form Factor	Reach	Cable Type	Media	Connector Type	Transceiver Type	Case Temp	DOM Capable	Min Software Support	DOM Support
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
A9K-MPA-32X1GE	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XR 64 Bit 6.6.2	IOS XR 64 Bit 6.6.2
Network Device Notes for above line : • On MOD400 & MOD200 Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
A9K-MPA-32X1GE	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XR 6.6.2	IOS XR 6.6.2
Network Device Notes for above line : • On MOD400 & MOD200 Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
A99-48X10GE-1G-FC	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XR 64 bit 6.5.2	IOS XR 64 bit 6.5.2
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
A99-48X10GE-1G-FC	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XR 6.5.2	IOS XR 6.5.2
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
A9K-24X10GE-1G-FC	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XR 64 bit 6.2.1	IOS XR 64 bit 6.2.1
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
A9K-24X10GE-1G-FC	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XR 6.2.1	IOS XR 6.2.1
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
ASR-9901-FC	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XR 64 bit 6.4.1	IOS XR 64 bit 6.4.1
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
A9K-48X10GE-1G-FC	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XR 64 bit 6.2.1	IOS XR 64 bit 6.2.1
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
A9K-48X10GE-1G-FC	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XR 6.2.1	IOS XR 6.2.1
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
A9K-MPA-20X1GE-FC	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XR 4.2.0	IOS XR 4.2.0
Network Device Notes for above line : • On MOD80 & MOD160 Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
A9K-MPA-20X1GE-FC	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XR 6.0.1	IOS XR 6.0.1
Network Device Notes for above line : • On MOD200 & MOD400 Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
A9K-MPA-32X1GE-FC	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XR 64 Bit 6.6.2	IOS XR 64 Bit 6.6.2
Network Device Notes for above line : • On MOD400 & MOD200 Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
A9K-MPA-32X1GE-FC	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XR 6.6.2	IOS XR 6.6.2
Network Device Notes for above line : • On MOD400 & MOD200 Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													

7200

Network Device Product ID	Transceiver Product ID	Transceiver Business Unit	Data Rate	Form Factor	Reach	Cable Type	Media	Connector Type	Transceiver Type	Case Temp	DOM Capable	Min Software Support	DOM Support
NPE-G2	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 12.2(33)S RC2	—
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
NPE-G2	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 12.4(15)T7	—
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
NPE-G2	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 12.4(20)T1	—
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
Cisco7201	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 12.2(33)S RC2	—
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
Cisco7201	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 12.4(15)T7	—
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
Cisco7201	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 12.4(20)T1	—
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													

CSF4200

Network Device Product ID	Transceiver Product ID	Transceiver Business Unit	Data Rate	Form Factor	Reach	Cable Type	Media	Connector Type	Transceiver Type	Case Temp	DOM Capable	Min Software Support	DOM Support
FPR4K-XNM-8X10G	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	ASA 9.20	—
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
FPR4K-XNM-8X10G	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	ASA 9.20	—
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
FPR4K-XNM-8X10G	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	ASA 9.20	—
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
FPR4215-ASA-K9	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	ASA 9.20	—
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
FPR4215-NGFW-K9	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	FTD 7.4	—
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
FPR4225-ASA-K9	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	ASA 9.20	—
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
FPR4225-NGFW-K9	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	FTD 7.4	—
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
FPR4245-ASA-K9	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	ASA 9.20	—
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													

Network Device Product ID	Transceiver Product ID	Transceiver Business Unit	Data Rate	Form Factor	Reach	Cable Type	Media	Connector Type	Transceiver Type	Case Temp	DOM Capable	Min Software Support	DOM Support
FPR4245-NGFW-K9	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	FTD 7.4	—
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													

7600

Network Device Product ID	Transceiver Product ID	Transceiver Business Unit	Data Rate	Form Factor	Reach	Cable Type	Media	Connector Type	Transceiver Type	Case Temp	DOM Capable	Min Software Support	DOM Support
7600-ES+20G3C	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 15.1(2)S	—
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
7600-ES+20G3CXL	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 15.1(2)S	—
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
76-ES+T-20G	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 15.1(2)S	—
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
76-ES+XC-20G3C	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 15.1(2)S	—
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
76-ES+XC-20G3CXL	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 15.1(2)S	—
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
RSP720-3C-GE	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 15.1(3)S	—
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
RSP720-3CXL-GE	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 15.1(3)S	—
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
RSP720-10GE	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 15.1(3)S	—
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
RSP720-10GE	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 15.1(3)S	—
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
7600-ES+40G3C	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 15.1(2)S	—
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
7600-ES+40G3CXL	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 15.1(2)S	—
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
76-ES+T-40G	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 15.1(2)S	—
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
76-ES+XC-40G3C	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 15.1(2)S	—
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
76-ES+XC-40G3CXL	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 15.1(2)S	—
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													

N3000

Network Device Product ID	Transceiver Product ID	Transceiver Business Unit	Data Rate	Form Factor	Reach	Cable Type	Media	Connector Type	Transceiver Type	Case Temp	DOM Capable	Min Software Support	DOM Support
N3K-C3232C	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	NX-OS 7.0(3)I1(2)	NX-OS 7.0(3)I1(2)
Network Device Notes for above line : • Native SFP+ ports Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
N3K-C3232C	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	NX-OS 7.0(3)I4(1)	—
Network Device Notes for above line : • Up to 4 per SLIC (CVR-2QSFP28-8SFP) adapter, up to 32 per switch through SLIC (CVR-2QSFP28-8SFP) adapter Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
N3K-C36180YC-R	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	NX-OS 7.0(3)F3(1)	NX-OS 7.0(3)F3(1)
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
N3K-C3064PQ-10GE	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	NX-OS 5.0(3)U1(2)	NX-OS 5.0(3)U1(2)
Network Device Notes for above line : • Native SFP+ ports Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
N3K-C3064PQ-10GX	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	NX-OS 5.0(3)U3(1)	NX-OS 5.0(3)U3(1)
Network Device Notes for above line : • Native SFP+ ports Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
N3K-C3132Q-40GE	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	NX-OS 6.0(2)U4(1)	NX-OS 6.0(2)U4(1)
Network Device Notes for above line : • SFP Port Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
N3K-C3132Q-40GX	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	NX-OS 6.0(2)U4(1)	NX-OS 6.0(2)U4(1)
Network Device Notes for above line : • Native SFP+ ports Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
N3K-C3132Q-XL	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	NX-OS 7.0(3)I2(2)	NX-OS 7.0(3)I2(2)
Network Device Notes for above line : • Native SFP+ ports Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
N3K-C3132Q-V	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	NX-OS 7.0(3)I4(1)	NX-OS 7.0(3)I4(1)
Network Device Notes for above line : • Native SFP+ ports Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
N3K-C3172TQ-10GT	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	NX-OS 7.0(3)I2(1a)	NX-OS 7.0(3)I2(1a)
Network Device Notes for above line : • QSFP Port: QSA (CVR-QSFP-SFP10G) required. Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
N3K-C3172TQ-32T	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	NX-OS 7.0(3)I2(1a)	NX-OS 7.0(3)I2(1a)
Network Device Notes for above line : • QSFP Port: QSA (CVR-QSFP-SFP10G) required. Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
N3K-C3172PQ-10GE	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	NX-OS 6.0(2)U3(1)	NX-OS 6.0(2)U3(1)

Network Device Product ID	Transceiver Product ID	Transceiver Business Unit	Data Rate	Form Factor	Reach	Cable Type	Media	Connector Type	Transceiver Type	Case Temp	DOM Capable	Min Software Support	DOM Support
Network Device Notes for above line : • Native SFP+ ports Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
N3K-C3172PQ-10GE	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	NX-OS 7.0(3)I2(1a)	NX-OS 7.0(3)I2(1a)
Network Device Notes for above line : • QSFP Port: QSA (CVR-QSFP-SFP10G) required. Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
N3K-C3172PQ-XL	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	NX-OS 7.0(3)I2(2)	NX-OS 7.0(3)I2(2)
Network Device Notes for above line : • Native SFP+ ports Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
N3K-C3172TQ-XL	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	NX-OS 7.0(3)I2(2)	NX-OS 7.0(3)I2(2)
Network Device Notes for above line : • QSFP Port: QSA (CVR-QSFP-SFP10G) required. Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
N3K-C31108PC-V	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	NX-OS 7.0(3)I4(1)	NX-OS 7.0(3)I4(1)
Network Device Notes for above line : • SFP Port Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
N3K-C31128PQ-10GE	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	NX-OS 7.0(3)I2(1a)	NX-OS 7.0(3)I2(1a)
Network Device Notes for above line : • Native SFP+ ports Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
N3K-C3264Q	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	NX-OS 5.0(3)I1(2)	NX-OS 5.0(3)I1(2)
Network Device Notes for above line : • Native SFP+ ports Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
N3K-C3048TP-1GE	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	NX-OS 5.0(3)U2(2b)	NX-OS 5.0(3)U2(2b)
Network Device Notes for above line : • Native SFP+ ports Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
N3K-C3264C-E	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	NX-OS 9.2(1)	NX-OS 9.2(1)
Network Device Notes for above line : • For QSFP Ports (1-64), QSA (CVR-QSFP-SFP10G) required. Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
N3K-C3132C-Z	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	NX-OS 9.2(2)	NX-OS 9.2(2)
Network Device Notes for above line : • For QSFP Ports (1-32), QSA (CVR-QSFP-SFP10G) required. Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													

C3750

Network Device Product ID	Transceiver Product ID	Transceiver Business Unit	Data Rate	Form Factor	Reach	Cable Type	Media	Connector Type	Transceiver Type	Case Temp	DOM Capable	Min Software Support	DOM Support
WS-C3750-24PS	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 12.1(19)EA 1c	IOS 12.2(46)SE

Network Device Product ID	Transceiver Product ID	Transceiver Business Unit	Data Rate	Form Factor	Reach	Cable Type	Media	Connector Type	Transceiver Type	Case Temp	DOM Capable	Min Software Support	DOM Support
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
WS-C3750-24TS	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 12.1(14)EA 1	IOS 12.2(46)SE
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
WS-C3750-48PS	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 12.1(19)EA 1c	IOS 12.2(46)SE
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
WS-C3750-48TS	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 12.1(14)EA 1	IOS 12.2(46)SE
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
WS-C3750G-12S	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 12.1(14)EA 1	IOS 12.2(46)SE
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
WS-C3750G-24PS	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 12.1(14)EA 1	IOS 12.2(46)SE
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
WS-C3750G-24TS	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 12.1(14)EA 1	IOS 12.2(46)SE
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
WS-C3750G-48PS	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 12.1(14)EA 1	IOS 12.2(46)SE
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
WS-C3750G-48TS	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 12.1(14)EA 1	IOS 12.2(46)SE
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
WS-C3750-24FS-S	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 12.2(25)SE B	IOS 12.2(46)SE
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
WS-C3750V2-24PS	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 12.2(50)SE	IOS 12.2(50)SE
Network Device Notes for above line : • Uplink ports Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
WS-C3750V2-24TS	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 12.2(50)SE	IOS 12.2(50)SE
Network Device Notes for above line : • Uplink ports Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
WS-C3750V2-48PS	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 12.2(50)SE	IOS 12.2(50)SE
Network Device Notes for above line : • Uplink ports Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
WS-C3750V2-48TS	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 12.2(50)SE	IOS 12.2(50)SE
Network Device Notes for above line : • Uplink ports Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
WS-C3750E-24TD	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 12.2(35)SE 2	IOS 12.2(46)SE

Network Device Product ID	Transceiver Product ID	Transceiver Business Unit	Data Rate	Form Factor	Reach	Cable Type	Media	Connector Type	Transceiver Type	Case Temp	DOM Capable	Min Software Support	DOM Support
Network Device Notes for above line : • With CVR-X2-SFP for X2 ports Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
WS-C3750E-24PD	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 12.2(35)SE 2	IOS 12.2(46)SE
Network Device Notes for above line : • With CVR-X2-SFP for X2 ports Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
WS-C3750E-48TD	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 12.2(35)SE 2	IOS 12.2(46)SE
Network Device Notes for above line : • With CVR-X2-SFP for X2 ports Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
WS-C3750E-48PD	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 12.2(35)SE 2	IOS 12.2(46)SE
Network Device Notes for above line : • With CVR-X2-SFP for X2 ports Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
WS-C3750E-48PDF	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 12.2(35)SE 2	IOS 12.2(46)SE
Network Device Notes for above line : • With CVR-X2-SFP for X2 ports Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
WS-C3750X-12S	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 12.2(55)SE 5	IOS 12.2(55)SE5
Network Device Notes for above line : • With network modules C3KX-SM-10G (support either 1-Gigabit SFP or 10-Gigabit SFP+ modules) and C3KX-NM-10G (Slots 1, 2, 3, and 4 with 1-Gigabit SFP modules; Slots 1 and 2 with 1-Gigabit SFP modules and Slot 4 with one 10-Gigabit SFP+ module; Slot 2 with one 10-Gigabit SFP+ module and Slots 3 and 4 with 1-Gigabit SFP modules; Slot 2 and Slot 4 each with 10-Gigabit SFP+ modules) Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
WS-C3750X-24S	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 12.2(55)SE 5	IOS 12.2(55)SE5
Network Device Notes for above line : • With network modules C3KX-SM-10G (support either 1-Gigabit SFP or 10-Gigabit SFP+ modules) and C3KX-NM-10G (Slots 1, 2, 3, and 4 with 1-Gigabit SFP modules; Slots 1 and 2 with 1-Gigabit SFP modules and Slot 4 with one 10-Gigabit SFP+ module; Slot 2 with one 10-Gigabit SFP+ module and Slots 3 and 4 with 1-Gigabit SFP modules; Slot 2 and Slot 4 each with 10-Gigabit SFP+ modules) Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
WS-C3750-24WFS	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 12.2(25)FZ	IOS 12.2(46)SE
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
WS-C3750V2-24FS	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 12.2(50)SE	IOS 12.2(50)SE
Network Device Notes for above line : • Uplink ports Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													

IE3300

Network Device Product ID	Transceiver Product ID	Transceiver Business Unit	Data Rate	Form Factor	Reach	Cable Type	Media	Connector Type	Transceiver Type	Case Temp	DOM Capable	Min Software Support	DOM Support
IE-3300-8P2S-A	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	Please see datasheet and release notes for minimum software release information .	

Network Device Product ID	Transceiver Product ID	Transceiver Business Unit	Data Rate	Form Factor	Reach	Cable Type	Media	Connector Type	Transceiver Type	Case Temp	DOM Capable	Min Software Support	DOM Support
Network Device Notes for above line : • When using nonindustrial rated transceivers, the hardened platform operating temperature range is de-rated. Please refer to the Cisco IE Datasheet or Hardware Installation Guide to calculate switch operating temperature ranges when nonindustrial SFPs are deployed. Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
IE-3300-8P2S-E	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	Please see datasheet and release notes for minimum software release information .	
Network Device Notes for above line : • When using nonindustrial rated transceivers, the hardened platform operating temperature range is de-rated. Please refer to the Cisco IE Datasheet or Hardware Installation Guide to calculate switch operating temperature ranges when nonindustrial SFPs are deployed. Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
IE-3300-8T2S-A	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	Please see datasheet and release notes for minimum software release information .	
Network Device Notes for above line : • When using nonindustrial rated transceivers, the hardened platform operating temperature range is de-rated. Please refer to the Cisco IE Datasheet or Hardware Installation Guide to calculate switch operating temperature ranges when nonindustrial SFPs are deployed. Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
IE-3300-8T2S-E	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	Please see datasheet and release notes for minimum software release information .	
Network Device Notes for above line : • When using nonindustrial rated transceivers, the hardened platform operating temperature range is de-rated. Please refer to the Cisco IE Datasheet or Hardware Installation Guide to calculate switch operating temperature ranges when nonindustrial SFPs are deployed. Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
IEM-3300-8S	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	Please see datasheet and release notes for minimum software release information .	
Network Device Notes for above line : • When using nonindustrial rated transceivers, the hardened platform operating temperature range is de-rated. Please refer to the Cisco IE Datasheet or Hardware Installation Guide to calculate switch operating temperature ranges when nonindustrial SFPs are deployed. Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
IEM-3300-6T2S	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	Please see datasheet and release notes for minimum software release information .	
Network Device Notes for above line : • When using nonindustrial rated transceivers, the hardened platform operating temperature range is de-rated. Please refer to the Cisco IE Datasheet or Hardware Installation Guide to calculate switch operating temperature ranges when nonindustrial SFPs are deployed. Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
IEM-3300-14T2S	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	Please see datasheet and release notes for minimum software release information .	

Network Device Product ID	Transceiver Product ID	Transceiver Business Unit	Data Rate	Form Factor	Reach	Cable Type	Media	Connector Type	Transceiver Type	Case Temp	DOM Capable	Min Software Support	DOM Support
Network Device Notes for above line : • When using nonindustrial rated transceivers, the hardened platform operating temperature range is de-rated. Please refer to the Cisco IE Datasheet or Hardware Installation Guide to calculate switch operating temperature ranges when nonindustrial SFPs are deployed. Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
IE-3300-8T2X-E	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	Please see datasheet and release notes for minimum software release information .	
Network Device Notes for above line : • When using nonindustrial rated transceivers, the hardened platform operating temperature range is de-rated. Please refer to the Cisco IE Datasheet or Hardware Installation Guide to calculate switch operating temperature ranges when nonindustrial SFPs are deployed. Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
IE-3300-8T2X-A	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	Please see datasheet and release notes for minimum software release information .	
Network Device Notes for above line : • When using nonindustrial rated transceivers, the hardened platform operating temperature range is de-rated. Please refer to the Cisco IE Datasheet or Hardware Installation Guide to calculate switch operating temperature ranges when nonindustrial SFPs are deployed. Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
IE-3300-8U2X-E	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	Please see datasheet and release notes for minimum software release information .	
Network Device Notes for above line : • When using nonindustrial rated transceivers, the hardened platform operating temperature range is de-rated. Please refer to the Cisco IE Datasheet or Hardware Installation Guide to calculate switch operating temperature ranges when nonindustrial SFPs are deployed. Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
IE-3300-8U2X-A	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	Please see datasheet and release notes for minimum software release information .	
Network Device Notes for above line : • When using nonindustrial rated transceivers, the hardened platform operating temperature range is de-rated. Please refer to the Cisco IE Datasheet or Hardware Installation Guide to calculate switch operating temperature ranges when nonindustrial SFPs are deployed. Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													

C6500

Network Device Product ID	Transceiver Product ID	Transceiver Business Unit	Data Rate	Form Factor	Reach	Cable Type	Media	Connector Type	Transceiver Type	Case Temp	DOM Capable	Min Software Support	DOM Support
WS-SUP32-GE-PISA	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 12.2(18)ZY	—
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													

ISR2900

Network Device Product ID	Transceiver Product ID	Transceiver Business Unit	Data Rate	Form Factor	Reach	Cable Type	Media	Connector Type	Transceiver Type	Case Temp	DOM Capable	Min Software Support	DOM Support
2921	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 15.0(1)M	—
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
2951	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 15.0(1)M	—
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													

ASR1000

Network Device Product ID	Transceiver Product ID	Transceiver Business Unit	Data Rate	Form Factor	Reach	Cable Type	Media	Connector Type	Transceiver Type	Case Temp	DOM Capable	Min Software Support	DOM Support
ASR1001	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XE 3.4S	IOS XE 3.4S
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
ASR1002	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XE 3.4S	IOS XE 3.4S
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
ASR1002-F	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XE 3.4S	IOS XE 3.4S
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
SPA-5X1GE-V2	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	SPA software support is determined by the platform on which the SPA is installed. Refer to the SPA release notes for the correct software release.	
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
SPA-10X1GE-V2	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	SPA software support is determined by the platform on which the SPA is installed. Refer to the SPA release notes for the correct software release.	
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
ASR1002-X	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XE 3.4S	IOS XE 3.4S
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
ASR1001-X	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XE 3.4S	IOS XE 3.4S
Network Device Notes for above line : • ASR 1001-X supports the above mentioned SFPs from 3.12.0S or 'Minimum Software Release Required' whichever latest. ASR 1001-X supports GLC-GE-100FX from 16.2 or 'Minimum Software Release Required' whichever latest. ASR1001-X does not support GLC-LH-SM. Use GLC-LH-SMD instead Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
ASR1002-HX	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XE 3.4S	IOS XE 3.4S
Network Device Notes for above line : • ASR 1002-HX supports the above mentioned SFPs from 16.2 or 'Minimum Software Release Required' whichever latest Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
ASR1001-HX	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XE 3.4S	IOS XE 3.4S

Network Device Product ID	Transceiver Product ID	Transceiver Business Unit	Data Rate	Form Factor	Reach	Cable Type	Media	Connector Type	Transceiver Type	Case Temp	DOM Capable	Min Software Support	DOM Support
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
SPA-8X1GE-V2	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	SPA software support is determined by the platform on which the SPA is installed. Refer to the SPA release notes for the correct software release.	
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
SPA-2X1GE-V2	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	SPA software support is determined by the platform on which the SPA is installed. Refer to the SPA release notes for the correct software release.	
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
ASR1000-2T+20X1GE	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XE 3.10	IOS XE 3.10
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
EPA-18X1GE	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XE 16.3.1	
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													

IE1000

Network Device Product ID	Transceiver Product ID	Transceiver Business Unit	Data Rate	Form Factor	Reach	Cable Type	Media	Connector Type	Transceiver Type	Case Temp	DOM Capable	Min Software Support	DOM Support
IE-1000-4P2S-LM	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IE1000 1.3	—
Network Device Notes for above line : • When using nonindustrial rated transceivers, the hardened platform operating temperature range is de-rated. Please refer to the Cisco IE Datasheet or Hardware Installation Guide to calculate switch operating temperature ranges when nonindustrial SFPs are deployed. Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
IE-1000-8P2S-LM	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IE1000 1.3	—
Network Device Notes for above line : • When using nonindustrial rated transceivers, the hardened platform operating temperature range is de-rated. Please refer to the Cisco IE Datasheet or Hardware Installation Guide to calculate switch operating temperature ranges when nonindustrial SFPs are deployed. Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													

N9500

Network Device Product ID	Transceiver Product ID	Transceiver Business Unit	Data Rate	Form Factor	Reach	Cable Type	Media	Connector Type	Transceiver Type	Case Temp	DOM Capable	Min Software Support	DOM Support
N9K-X97160YC-EX	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	NX-OS 7.0(3)I5(2)	NX-OS 7.0(3)I5(2)

Network Device Product ID	Transceiver Product ID	Transceiver Business Unit	Data Rate	Form Factor	Reach	Cable Type	Media	Connector Type	Transceiver Type	Case Temp	DOM Capable	Min Software Support	DOM Support
Network Device Notes for above line : • 1) SFP ports (1-48) 2) QSFP ports (49-52), QSA (CVR-QSFP-SFP10G) required. Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
N9K-X9564PX	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	NX-OS 6.1(2)I2(1)	NX-OS 6.1(2)I2(1)
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
N9K-X9464PX	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	NX-OS 6.1(2)I2(2a)	NX-OS 6.1(2)I2(2a)
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
N9K-X9432PQ	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	NX-OS 7.0(3)I5(1)	NX-OS 7.0(3)I5(1)
Network Device Notes for above line : • QSFP Ports: QSA (CVR-QSFP-SFP10G) required Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
N9K-X9464TX2	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	NX-OS 7.03I5.1	NX-OS 7.03I5.1
Network Device Notes for above line : • QSFP Ports: QSA (CVR-QSFP-SFP10G) required Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
N9K-X9732C-EX	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	NX-OS 7.0(3)I5(2)	NX-OS 7.0(3)I5(2)
Network Device Notes for above line : • QSFP Ports: QSA (CVR-QSFP-SFP10G) required. Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
N9K-X9736C-FX	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	NX-OS 7.0(3)I7(2)	NX-OS 7.0(3)I7(2)
Network Device Notes for above line : • QSFP Ports (1-28): QSA (CVR-QSFP-SFP10G) required. QSA28 (CVR-QSA28-SFP25G) supported from NS-OS 10.4(3)F Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
N9K-X9736C-EX	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	NX-OS 7.0(3)I6(1)	NX-OS 7.0(3)I6(1)
Network Device Notes for above line : • QSFP Ports: QSA (CVR-QSFP-SFP10G) required. Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
N9K-X9732C-FX	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	NX-OS 7.0(3)I5(2)	NX-OS 7.0(3)I5(2)
Network Device Notes for above line : • QSFP Ports: QSA (CVR-QSFP-SFP10G) required. Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
N9K-X96136YC-R	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	NX-OS 9.2(1)	NX-OS 9.2(1)
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
N9K-X9736Q-FX	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	NX-OS 7.0.3I7.6	NX-OS 7.0.3I7.6
Network Device Notes for above line : • QSFP Ports: QSA (CVR-QSFP-SFP10G) required. Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
N9K-X9736Q-FX	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	ACI-N9KDK9-14.1(1)	ACI-N9KDK9-14.1(1)
Network Device Notes for above line : • QSFP Ports: QSA (CVR-QSFP-SFP10G) required. Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
N9K-X9736C-FX3	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	NX-OS 10.5(2)	NX-OS 10.5(2)
Network Device Notes for above line : • For QSFP ports (1-28), QSA (CVR-QSFP-SFP10G) or QSA28 (CVR-QSFP28-SFP25G) required Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													

C9300X

Network Device Product ID	Transceiver Product ID	Transceiver Business Unit	Data Rate	Form Factor	Reach	Cable Type	Media	Connector Type	Transceiver Type	Case Temp	DOM Capable	Min Software Support	DOM Support
C9300X-12Y	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XE 17.5.1	IOS XE 17.5.1
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
C9300X-NM-2C	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XE 17.6.1	IOS XE 17.6.1
Network Device Notes for above line : • For QSFP ports, QSA (CVR-QSFP-SFP10G) required. QSA28 (CVR-QSFP28-SFP25G) can also be used from IOS XE 17.12.1. Uplink module for C9300X models only													
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
C9300X-24Y	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XE 17.5.1	IOS XE 17.5.1
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
C9300X-NM-8Y	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XE 17.5.1	IOS XE 17.5.1
Network Device Notes for above line : • Uplink module for C9300X models only													
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
C9300X-NM-4C	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XE 17.6.1	IOS XE 17.6.1
Network Device Notes for above line : • For QSFP ports, QSA (CVR-QSFP-SFP10G) required. QSA28 (CVR-QSFP28-SFP25G) can also be used from IOS XE 17.12.1. Uplink module C9300X-NM-4C is supported in the C9300X-48HX, C9300X-48TX and C9300X-24Y.													
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													

C9500

Network Device Product ID	Transceiver Product ID	Transceiver Business Unit	Data Rate	Form Factor	Reach	Cable Type	Media	Connector Type	Transceiver Type	Case Temp	DOM Capable	Min Software Support	DOM Support
C9500-24Y4C	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XE 16.8.1	IOS XE 16.8.1
Network Device Notes for above line : • SFP Ports 1-24 only. No 1G optics support on QSFP ports.													
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
C9500-48Y4C	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XE 16.8.1	IOS XE 16.8.1
Network Device Notes for above line : • SFP Ports 1-48 only. No 1G optics support on QSFP ports.													
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
C9500-12Q	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XE 16.8.1	IOS XE 16.8.1
Network Device Notes for above line : • QSFP Ports: QSA (CVR-QSFP-SFP10G) required.													
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
C9500-24Q	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XE 16.8.1	IOS XE 16.8.1
Network Device Notes for above line : • QSFP Ports: QSA (CVR-QSFP-SFP10G) required.													
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
C9500-40X	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XE 16.6.1	IOS XE 16.6.1
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
C9500-NM-2Q	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XE 17.1.1	IOS XE 17.1.1
Network Device Notes for above line : • QSFP Ports: QSA (CVR-QSFP-SFP10G) required.													
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
C9500-32QC	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XE 16.10.1	IOS XE 16.10.1

Network Device Product ID	Transceiver Product ID	Transceiver Business Unit	Data Rate	Form Factor	Reach	Cable Type	Media	Connector Type	Transceiver Type	Case Temp	DOM Capable	Min Software Support	DOM Support
Network Device Notes for above line : • QSFP Ports: QSA (CVR-QSFP-SFP10G) required. Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
C9500-32C	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XE 16.10.1	IOS XE 16.10.1
Network Device Notes for above line : • QSFP Ports: QSA (CVR-QSFP-SFP10G) required. Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
C9500-NM-8X	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XE 16.6.1	IOS XE 16.6.1
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
C9500-16X	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XE 16.8.1	IOS XE 16.8.1
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													

NCS4200

Network Device Product ID	Transceiver Product ID	Transceiver Business Unit	Data Rate	Form Factor	Reach	Cable Type	Media	Connector Type	Transceiver Type	Case Temp	DOM Capable	Min Software Support	DOM Support
NCS4200-1T8LR-PS	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 3.13.0S	
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
NCS4201-SA	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XE 3.14	
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
NCS4200-1T16G-PS	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 16.7.1	
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
NCS4200-8T-PS	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 16.6.7	
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
NCS4202-SA	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XE 3.13	IOS XE 3.13
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													

CMICR

Network Device Product ID	Transceiver Product ID	Transceiver Business Unit	Data Rate	Form Factor	Reach	Cable Type	Media	Connector Type	Transceiver Type	Case Temp	DOM Capable	Min Software Support	DOM Support
CMICR-4PS	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 15.2(7)E2a	IOS 15.2(7)E2a
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
CMICR-4PS	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 3.11.2Ea	IOS 3.11.2Ea
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
CMICR-4PC	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 15.2(7)E2a	IOS 15.2(7)E2a
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
CMICR-4PC	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 3.11.2Ea	IOS 3.11.2Ea

Network Device Product ID	Transceiver Product ID	Transceiver Business Unit	Data Rate	Form Factor	Reach	Cable Type	Media	Connector Type	Transceiver Type	Case Temp	DOM Capable	Min Software Support	DOM Support
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													

WANLAN

Network Device Product ID	Transceiver Product ID	Transceiver Business Unit	Data Rate	Form Factor	Reach	Cable Type	Media	Connector Type	Transceiver Type	Case Temp	DOM Capable	Min Software Support	DOM Support
EHWIC-1GE-SFP-CU	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 15.1(4)M	—
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
EHWIC-1GE-SFP-CU	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 15.1(4)M	—
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
EHWIC-1GE-SFP-CU	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 15.1(4)M	—
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
EHWIC-1GE-SFP-CU	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 15.1(4)M	—
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
SM-D-ES3G-48-P	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 15.0(1)M	—
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
SM-D-ES3G-48-P	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 15.0(1)M	—
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
SM-D-ES3-48-P	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 15.0(1)M	—
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
SM-D-ES3-48-P	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 15.0(1)M	—
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
SM-D-ES2-48	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 15.0(1)M	—
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
SM-D-ES2-48	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 15.0(1)M	—
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
HWIC-1GE-SFP	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 15.0(1)M2	—
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
HWIC-1GE-SFP	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 15.0(1)M	—
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
HWIC-1GE-SFP	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 12.3(8)T4	—
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
HWIC-1GE-SFP	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 15.0(1)M	—
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
HWIC-1GE-SFP	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 12.3(8)T4	—
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
HWIC-1GE-SFP	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 15.0(1)M	—

Network Device Product ID	Transceiver Product ID	Transceiver Business Unit	Data Rate	Form Factor	Reach	Cable Type	Media	Connector Type	Transceiver Type	Case Temp	DOM Capable	Min Software Support	DOM Support
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
NME-XD-24ES-1S-P	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 12.2(25)EZ	—
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
NME-XD-24ES-1S-P	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 12.2(25)EZ	—
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
NME-XD-24ES-1S-P	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 12.2(25)EZ	—
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
NME-XD-48ES-2S-P	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 12.2(25)EZ	—
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
NME-XD-48ES-2S-P	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 12.2(25)EZ	—
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
NME-XD-48ES-2S-P	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 12.2(25)EZ	—
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
NME-XD-48ES-2S-P	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 12.2(25)EZ	—
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													

C2950

Network Device Product ID	Transceiver Product ID	Transceiver Business Unit	Data Rate	Form Factor	Reach	Cable Type	Media	Connector Type	Transceiver Type	Case Temp	DOM Capable	Min Software Support	DOM Support
WS-C2950ST-8 LRE	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 12.1(19)EA 1c	—
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
WS-C2950ST-24 LRE	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 12.1(19)EA 1c	—
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
WS-C2950ST-24 LRE997	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 12.1(19)EA 1c	—
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													

C1100

Network Device Product ID	Transceiver Product ID	Transceiver Business Unit	Data Rate	Form Factor	Reach	Cable Type	Media	Connector Type	Transceiver Type	Case Temp	DOM Capable	Min Software Support	DOM Support
C1100TG	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XE 17.2.1	IOS XE 17.2.1
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
C1100 series with SFP port(s)	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	Please see datasheet and installation guide for minimum software release and configuration support information .	—
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													

CGR2000

Network Device Product ID	Transceiver Product ID	Transceiver Business Unit	Data Rate	Form Factor	Reach	Cable Type	Media	Connector Type	Transceiver Type	Case Temp	DOM Capable	Min Software Support	DOM Support
GRWIC-D-ES-2S-8PC	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 12.2(58)EY	IOS 12.2(58)EY
Network Device Notes for above line : • When using nonindustrial rated transceivers, the hardened platform operating temperature range is de-rated. Please refer to the Cisco IE Datasheet or Hardware Installation Guide to calculate switch operating temperature ranges when nonindustrial SFPs are deployed. Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
GRWIC-D-ES-6S	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 12.2(58)EY	IOS 12.2(58)EY
Network Device Notes for above line : • When using nonindustrial rated transceivers, the hardened platform operating temperature range is de-rated. Please refer to the Cisco IE Datasheet or Hardware Installation Guide to calculate switch operating temperature ranges when nonindustrial SFPs are deployed. Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
CGR 2010	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 15.3(3)M	IOS 15.3(3)M
Network Device Notes for above line : • Router Onboard Ethernet. When using nonindustrial rated transceivers, the hardened platform operating temperature range is de-rated. Please refer to the Cisco 2000 CGR Datasheet or Hardware Installation Guide to calculate switch operating temperature ranges when nonindustrial SFPs are deployed. Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													

C2960XR

Network Device Product ID	Transceiver Product ID	Transceiver Business Unit	Data Rate	Form Factor	Reach	Cable Type	Media	Connector Type	Transceiver Type	Case Temp	DOM Capable	Min Software Support	DOM Support
WS-C2960XR-24TS-I	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 15.0(2)EX1	IOS 15.0(2)EX1
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
WS-C2960XR-48TS-I	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 15.0(2)EX1	IOS 15.0(2)EX1
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
WS-C2960XR-24PS-I	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 15.0(2)EX1	IOS 15.0(2)EX1
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
WS-C2960XR-48LPS-I	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 15.0(2)EX1	IOS 15.0(2)EX1
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
WS-C2960XR-48FPS-I	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 15.0(2)EX1	IOS 15.0(2)EX1
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
WS-C2960XR-24TD-I	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 15.0(2)EX1	IOS 15.0(2)EX1
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
WS-C2960XR-48TD-I	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 15.0(2)EX1	IOS 15.0(2)EX1
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
WS-C2960XR-24PD-I	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 15.0(2)EX1	IOS 15.0(2)EX1
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
WS-C2960XR-48LPD-I	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 15.0(2)EX1	IOS 15.0(2)EX1

Network Device Product ID	Transceiver Product ID	Transceiver Business Unit	Data Rate	Form Factor	Reach	Cable Type	Media	Connector Type	Transceiver Type	Case Temp	DOM Capable	Min Software Support	DOM Support
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
WS-C2960XR-48FPD-I	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 15.0(2)EX1	IOS 15.4(2)EX1
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													

ME1200

Network Device Product ID	Transceiver Product ID	Transceiver Business Unit	Data Rate	Form Factor	Reach	Cable Type	Media	Connector Type	Transceiver Type	Case Temp	DOM Capable	Min Software Support	DOM Support
ME1200-4S-A	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 15.4(2)SN	IOS 15.4(2)SN
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
ME1200-4S-D	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 15.4(2)SN	IOS 15.4(2)SN
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													

C9350

Network Device Product ID	Transceiver Product ID	Transceiver Business Unit	Data Rate	Form Factor	Reach	Cable Type	Media	Connector Type	Transceiver Type	Case Temp	DOM Capable	Min Software Support	DOM Support
C9350-NM-8Y	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XE 17.18.1	IOS XE 17.18.1
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													

C6000

Network Device Product ID	Transceiver Product ID	Transceiver Business Unit	Data Rate	Form Factor	Reach	Cable Type	Media	Connector Type	Transceiver Type	Case Temp	DOM Capable	Min Software Support	DOM Support
WS-X6904-40G-2T	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 15.1(1)SY	—
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
WS-X6904-40G-2TXL	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 15.1(1)SY	—
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
ME-C6524GS-8S	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 12.2(18)ZU	—
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
ME-C6524GT-8S	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 12.2(18)ZU	—
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
WS-SUP720-3BXL	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 15.1(3)SY	—
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
WS-SUP720-3BXL	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 15.1(3)SY	—
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													

Network Device Product ID	Transceiver Product ID	Transceiver Business Unit	Data Rate	Form Factor	Reach	Cable Type	Media	Connector Type	Transceiver Type	Case Temp	DOM Capable	Min Software Support	DOM Support
WS-SUP32-GE-3B	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 12.2(33)SXH	IOS 12.2(33)SXH
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
WS-SUP32-GE-3B	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 12.2(33)SRA	—
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
WS-SUP32-10GE-3B	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 12.2(33)SXH	IOS 12.2(33)SXH
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
VS-S720-10G-3C	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 12.2(33)SXH	IOS 12.2(33)SXH
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
VS-S720-10G-3CXL	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 12.2(33)SXH	IOS 12.2(33)SXH
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
WS-X6724-SFP	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 15.1(2)SY	—
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
WS-X6724-SFP	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 15.1(2)SY	—
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
WS-X6748-SFP	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 15.1(2)SY	—
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
WS-X6748-SFP	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 15.1(2)SY	—
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
VS-S2T-10G	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 12.2(50)SY	—
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
VS-S2T-10G-XL	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 12.2(50)SY	—
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
WS-X6824-SFP-2T	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 12.2(50)SY	—
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
WS-X6824-SFP-2TXL	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 12.2(50)SY	—
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
WS-X6848-SFP-2T	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 12.2(50)SY	—
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
WS-X6848-SFP-2TXL	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 12.2(50)SY	—
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
WS-SUP720	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 15.1(3)SY	—
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
WS-SUP720	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 15.1(3)SY	—
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
WS-SUP720-3B	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 15.1(3)SY	—
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													

Network Device Product ID	Transceiver Product ID	Transceiver Business Unit	Data Rate	Form Factor	Reach	Cable Type	Media	Connector Type	Transceiver Type	Case Temp	DOM Capable	Min Software Support	DOM Support
WS-SUP720-3B	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 15.1(3)SY	—
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													

C8300

Network Device Product ID	Transceiver Product ID	Transceiver Business Unit	Data Rate	Form Factor	Reach	Cable Type	Media	Connector Type	Transceiver Type	Case Temp	DOM Capable	Min Software Support	DOM Support
C8300-2N2S-4T2X	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XE 17.3.2	IOS XE 17.3.2
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
C8300-1N1S-4T2X	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XE 17.3.2	IOS XE 17.3.2
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
C8300-1N1S-6T	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XE 17.3.2	IOS XE 17.3.2
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
C-NIM-1X	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XE 17.3.2	IOS XE 17.3.2
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
C8300-2N2S-6T	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XE 17.3.2	IOS XE 17.3.2
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
C-NIM-2T	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XE 17.6.1	IOS XE 17.6.1
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
C-NIM-4X	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XE 17.11.1	IOS XE 17.11.1
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
C8355-G2	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XE 17.18.1	IOS XE 17.18.1
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
C8375-E-G2	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XE 17.15.3	IOS XE 17.15.3
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													

ASR901

Network Device Product ID	Transceiver Product ID	Transceiver Business Unit	Data Rate	Form Factor	Reach	Cable Type	Media	Connector Type	Transceiver Type	Case Temp	DOM Capable	Min Software Support	DOM Support
A901-4C-F-D	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 15.2(2)SN H1	IOS 15.2(2)S NH1
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
A901-6CZ-F-D	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 15.2(2)SN H1	IOS 15.2(2)S NH1
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
A901-6CZ-F-A	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 15.2(2)SN H1	IOS 15.2(2)S NH1
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													

Network Device Product ID	Transceiver Product ID	Transceiver Business Unit	Data Rate	Form Factor	Reach	Cable Type	Media	Connector Type	Transceiver Type	Case Temp	DOM Capable	Min Software Support	DOM Support
A901-12C-F-D	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 15.2(2)SN G	IOS 15.2(2)S NI
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													

ASR900

Network Device Product ID	Transceiver Product ID	Transceiver Business Unit	Data Rate	Form Factor	Reach	Cable Type	Media	Connector Type	Transceiver Type	Case Temp	DOM Capable	Min Software Support	DOM Support
A901-4-C-FT-D	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 15.2(2)SN H1	IOS 15.2(2)S NH1
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
A901-6-CZ-FT-D	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 15.2(2)SN H1	IOS 15.2(2)S NH1
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
A901-6-CZ-FT-A	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 15.2(2)SN H1	IOS 15.2(2)S NH1
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
A901-12-C-FT-D	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 15.2(2)SN G	IOS 15.2(2)S NI
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													

NCS5000

Network Device Product ID	Transceiver Product ID	Transceiver Business Unit	Data Rate	Form Factor	Reach	Cable Type	Media	Connector Type	Transceiver Type	Case Temp	DOM Capable	Min Software Support	DOM Support
NCS-5001	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XR 6.0.0	
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
NCS-5002	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XR 6.0.0	
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													

IR1800

Network Device Product ID	Transceiver Product ID	Transceiver Business Unit	Data Rate	Form Factor	Reach	Cable Type	Media	Connector Type	Transceiver Type	Case Temp	DOM Capable	Min Software Support	DOM Support
IR1821-K9	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XE 17.5.1	IOS XE 17.5.1
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
IR1831-K9	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XE 17.5.1	IOS XE 17.5.1
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
IR1833-K9	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XE 17.5.1	IOS XE 17.5.1
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
IR1835-K9	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XE 17.5.1	IOS XE 17.5.1

Network Device Product ID	Transceiver Product ID	Transceiver Business Unit	Data Rate	Form Factor	Reach	Cable Type	Media	Connector Type	Transceiver Type	Case Temp	DOM Capable	Min Software Support	DOM Support
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													

3800

Network Device Product ID	Transceiver Product ID	Transceiver Business Unit	Data Rate	Form Factor	Reach	Cable Type	Media	Connector Type	Transceiver Type	Case Temp	DOM Capable	Min Software Support	DOM Support
Cisco3825	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 12.3(11)T	—
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
Cisco3845	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 12.3(11)T	—
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													

ASR903

Network Device Product ID	Transceiver Product ID	Transceiver Business Unit	Data Rate	Form Factor	Reach	Cable Type	Media	Connector Type	Transceiver Type	Case Temp	DOM Capable	Min Software Support	DOM Support
A900-IMA8S	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 3.6.0S	
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
A900-IMA8S1Z	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 3.13.0S	
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
A900-IMA8Z	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 16.6.7	
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
A900-IMA8CS1Z-M	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 16.7.1	
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													

CE520

Network Device Product ID	Transceiver Product ID	Transceiver Business Unit	Data Rate	Form Factor	Reach	Cable Type	Media	Connector Type	Transceiver Type	Case Temp	DOM Capable	Min Software Support	DOM Support
WS-CE520-8PC-K9	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 12.2(35)EX	—
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
WS-CE520-24LC-K9	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 12.2(37)EX	—
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
WS-CE520-24PC-K9	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 12.2(37)EX	—
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
WS-CE520G-24TC-K9	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 12.2(37)EX	—
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													

NCS560

Network Device Product ID	Transceiver Product ID	Transceiver Business Unit	Data Rate	Form Factor	Reach	Cable Type	Media	Connector Type	Transceiver Type	Case Temp	DOM Capable	Min Software Support	DOM Support
A900-IMA-8CS1Z	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XR 6.6.25	IOS XR 6.6.25
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													

N9200

Network Device Product ID	Transceiver Product ID	Transceiver Business Unit	Data Rate	Form Factor	Reach	Cable Type	Media	Connector Type	Transceiver Type	Case Temp	DOM Capable	Min Software Support	DOM Support
N9K-C92160YC-X	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	NX-OS 7.0(3)I3(1)	NX-OS 7.0(3)I3.1
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
N9K-C92160YC-X	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	NX-OS 7.03I5.1	NX-OS 7.03I5.1
Network Device Notes for above line : • QSFP Ports: QSA (CVR-QSFP-SFP10G) required Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
N9K-C92300YC	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	NX-OS 7.03I6.1	NX-OS 7.03I6.1
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
N9K-C9236C	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	NX-OS 7.0(3)I4(1)	—
Network Device Notes for above line : • QSFP ports with SLIC (CVR-2QSFP28-8SFP) adapter Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
N9K-C9236C	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	NX-OS 7.03I5.1	
Network Device Notes for above line : • QSFP Ports: QSA (CVR-QSFP-SFP10G) required Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
N9K-C9272Q	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	NX-OS 7.03(I)5.1	NX-OS 7.03(I)5.1
Network Device Notes for above line : • QSFP Port: QSA (CVR-QSFP-SFP10G) required. Supported on ports 37-71. Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
N9K-C92348GC-X	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	NX-OS 9.3.1	NX-OS 9.3.1
Network Device Notes for above line : • For QSFP Ports: QSA (CVR-QSFP-SFP10G) required. Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
N9K-C92348GC-FX3	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	NX-OS 10.4(4)	NX-OS 10.4(4)
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
N9K-C92348GC-FX3	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	NX-OS 10.5(2)	NX-OS 10.5(2)
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													

N5000

Network Device Product ID	Transceiver Product ID	Transceiver Business Unit	Data Rate	Form Factor	Reach	Cable Type	Media	Connector Type	Transceiver Type	Case Temp	DOM Capable	Min Software Support	DOM Support
N5K-C5672UP-16G	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	NX-OS 7.3(0)N1(1)	NX-OS 7.3(0)N1(1)
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
N5K-C5672UP	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	NX-OS 7.0(1)N1(1)	NX-OS 7.0(1)N1(1)
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
N5K-C5648Q	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	NX-OS 7.1(1)N1(1)	NX-OS 7.0(1)N1(1)
Network Device Notes for above line : • QSFP Ports: QSA (CVR-QSFP-SFP10G) required Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
N5K-C5624Q	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	NX-OS 7.1(0)N1(1a)	NX-OS 7.1(0)N1(1a)
Network Device Notes for above line : • QSFP Ports: QSA (CVR-QSFP-SFP10G) required. Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
N5K-C5696Q	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	NX-OS 7.1(0)N1(1a)	NX-OS 7.1(0)N1(1a)
Network Device Notes for above line : • QSFP Ports: QSA (CVR-QSFP-SFP10G) required. Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
N5696-M12Q	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	NX-OS 7.1(0)N1(1a)	
Network Device Notes for above line : • QSFP Ports: QSA (CVR-QSFP-SFP10G) required Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
N5K-C56128P	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	NX-OS 7.0(2)N1(1)	NX-OS 7.0(2)N1(1)
Network Device Notes for above line : • QSA (CVR-QSFP-SFP10G) required. Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
N5K-C5548P	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	NX-OS 5.1(3)N2	NX-OS 5.1(3)N2
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
N5K-C5548UP	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	NX-OS 5.1(3)N2	NX-OS 5.1(3)N2
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
N5K-C5596UP	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	NX-OS 5.1(3)N2	NX-OS 5.1(3)N2
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
N5K-C5010P-BF	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	NX-OS 4.0(1a)N1(1)	NX-OS 4.0(1a)N1(1)
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
N5K-C5020P-BF	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	NX-OS 4.0(1a)N1(1)	NX-OS 4.0(1a)N1(1)
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
N55-M16P	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	NX-OS 5.1(3)N2	NX-OS 5.1(3)N2
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
N55-M8P8FP	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	NX-OS 5.1(3)N2	NX-OS 5.1(3)N2
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													

Network Device Product ID	Transceiver Product ID	Transceiver Business Unit	Data Rate	Form Factor	Reach	Cable Type	Media	Connector Type	Transceiver Type	Case Temp	DOM Capable	Min Software Support	DOM Support
N55-M16UP	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	NX-OS 5.1(3)N2	NX-OS 5.1(3)N2
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
N5696-M20UP	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	NX-OS 7.0(4)N1(1)	
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													

N7700

Network Device Product ID	Transceiver Product ID	Transceiver Business Unit	Data Rate	Form Factor	Reach	Cable Type	Media	Connector Type	Transceiver Type	Case Temp	DOM Capable	Min Software Support	DOM Support
N77-F248XP-23E	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	NX-OS 6.2(2)	—
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
N77-F348XP-23	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	NX-OS 6.2(8)	—
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
N77-M348XP-23L	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	NX-OS 7.3(0)DX(1)	NX-OS 7.3(0)DX(1)
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													

C8500

Network Device Product ID	Transceiver Product ID	Transceiver Business Unit	Data Rate	Form Factor	Reach	Cable Type	Media	Connector Type	Transceiver Type	Case Temp	DOM Capable	Min Software Support	DOM Support
C8500-12X4QC	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XE 17.3.2	IOS XE 17.3.2
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
C8500-12X	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XE 17.3.2	IOS XE 17.3.2
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
C8500L-8S4X	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XE 17.4.1	IOS XE 17.4.1
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
C8500-20X6C	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XE 17.10.1	IOS XE 17.10.1
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
C8550-G2	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XE 17.15.3	IOS XE 17.15.3
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
C8570-G2	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XE 17.15.3	IOS XE 17.15.3
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													

C3850

Network Device Product ID	Transceiver Product ID	Transceiver Business Unit	Data Rate	Form Factor	Reach	Cable Type	Media	Connector Type	Transceiver Type	Case Temp	DOM Capable	Min Software Support	DOM Support
WS-C3850-48XS	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XE 3.7.2E	IOS XE 3.7.2E
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
WS-C3850-48XS	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XE 16.2.1	IOS XE 16.2.1
Network Device Notes for above line : • For QSFP Ports, QSA (CVR-QSFP-SFP10G) required with minimum software release of IOS XE 16.8.1.													
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
WS-C3850-12S	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XE 3.3.3SE	IOS XE 3.3.3SE
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
WS-C3850-12S	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XE 16.1.1	IOS XE 16.1.1
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
WS-C3850-24S	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XE 3.3.3SE	IOS XE 3.3.3SE
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
WS-C3850-24S	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XE 16.1.1	IOS XE 16.1.1
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
WS-C3850-12XS	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XE 3.7.1E	IOS XE 3.7.1E
Network Device Notes for above line : • With C3850-NM-4-10G network module													
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
WS-C3850-12XS	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XE 16.1.1	IOS XE 16.1.1
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
WS-C3850-16XS	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XE 3.7.1E	IOS XE 3.7.1E
Network Device Notes for above line : • With C3850-NM-8-10G network module													
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
WS-C3850-24XS	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XE 3.7.1E	IOS XE 3.7.1E
Network Device Notes for above line : • With C3850-NM-8-10G network module													
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
WS-C3850-24XS	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XE 16.1.1	IOS XE 16.1.1
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
WS-C3850-32XS	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XE 3.7.1E	IOS XE 3.7.1E
Network Device Notes for above line : • With C3850-NM-8-10G network module													
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
C3850-NM-4-1G	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XE 3.2.0SE	IOS XE 3.2.0SE
Network Device Notes for above line : • Uplink module for C9300- 24T/48T/24P/48P/24U/48U/24UX/48UXM/48UN with minimum software of IOS XE 16.6.1.													
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
C3850-NM-4-1G	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XE 16.1.1	IOS XE 16.1.1
Network Device Notes for above line : • Uplink module for C9300- 24T/48T/24P/48P/24U/48U/24UX/48UXM/48UN with minimum software of IOS XE 16.6.1.													
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
C3850-NM-2-10G	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XE 16.1.1	IOS XE 16.1.1

Network Device Product ID	Transceiver Product ID	Transceiver Business Unit	Data Rate	Form Factor	Reach	Cable Type	Media	Connector Type	Transceiver Type	Case Temp	DOM Capable	Min Software Support	DOM Support
Network Device Notes for above line : • Uplink module for C9300- 24T/48T/24P/48P/24U/48U/24UX/48UXM/48UN with minimum software of IOS XE 16.6.1. Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
C3850-NM-4-10G	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XE 16.1.1	IOS XE 16.1.1
Network Device Notes for above line : • Uplink module for C9300- 24T/48T/24P/48P/24U/48U/24UX/48UXM/48UN with minimum software of IOS XE 16.6.1. Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
C3850-NM-8-10G	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XE 16.1.1	IOS XE 16.1.1
Network Device Notes for above line : • Uplink module for C9300- 24T/48T/24P/48P/24U/48U/24UX/48UXM/48UN with minimum software of IOS XE 16.6.1. Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													

IE3400

Network Device Product ID	Transceiver Product ID	Transceiver Business Unit	Data Rate	Form Factor	Reach	Cable Type	Media	Connector Type	Transceiver Type	Case Temp	DOM Capable	Min Software Support	DOM Support
IE-3400-8P2S-A	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	Please see datasheet and release notes for minimum software release information .	
Network Device Notes for above line : • When using nonindustrial rated transceivers, the hardened platform operating temperature range is de-rated. Please refer to the Cisco IE Datasheet or Hardware Installation Guide to calculate switch operating temperature ranges when nonindustrial SFPs are deployed. Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
IE-3400-8P2S-E	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	Please see datasheet and release notes for minimum software release information .	
Network Device Notes for above line : • When using nonindustrial rated transceivers, the hardened platform operating temperature range is de-rated. Please refer to the Cisco IE Datasheet or Hardware Installation Guide to calculate switch operating temperature ranges when nonindustrial SFPs are deployed. Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
IE-3400-8P2S-E	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	Please see datasheet and release notes for minimum software release information .	
Network Device Notes for above line : • When using nonindustrial rated transceivers, the hardened platform operating temperature range is de-rated. Please refer to the Cisco IE Datasheet or Hardware Installation Guide to calculate switch operating temperature ranges when nonindustrial SFPs are deployed. Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
IE-3400-8T2S-A	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	Please see datasheet and release notes for minimum software release information .	
Network Device Notes for above line : • When using nonindustrial rated transceivers, the hardened platform operating temperature range is de-rated. Please refer to the Cisco IE Datasheet or Hardware Installation Guide to calculate switch operating temperature ranges when nonindustrial SFPs are deployed. Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													

Network Device Product ID	Transceiver Product ID	Transceiver Business Unit	Data Rate	Form Factor	Reach	Cable Type	Media	Connector Type	Transceiver Type	Case Temp	DOM Capable	Min Software Support	DOM Support
IE-3400-8T2S-A	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	Please see datasheet and release notes for minimum software release information .	

Network Device Notes for above line :

- When using nonindustrial rated transceivers, the hardened platform operating temperature range is de-rated. Please refer to the Cisco IE Datasheet or Hardware Installation Guide to calculate switch operating temperature ranges when nonindustrial SFPs are deployed.

Transceiver Notes for above line :

- FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m

IE-3400-8T2S-E	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	Please see datasheet and release notes for minimum software release information .	
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Network Device Notes for above line :

- When using nonindustrial rated transceivers, the hardened platform operating temperature range is de-rated. Please refer to the Cisco IE Datasheet or Hardware Installation Guide to calculate switch operating temperature ranges when nonindustrial SFPs are deployed.

Transceiver Notes for above line :

- FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m

IEM-3400-8S	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	Please see datasheet and release notes for minimum software release information .	
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Network Device Notes for above line :

- When using nonindustrial rated transceivers, the hardened platform operating temperature range is de-rated. Please refer to the Cisco IE Datasheet or Hardware Installation Guide to calculate switch operating temperature ranges when nonindustrial SFPs are deployed.

Transceiver Notes for above line :

- FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m

C9200CX

Network Device Product ID	Transceiver Product ID	Transceiver Business Unit	Data Rate	Form Factor	Reach	Cable Type	Media	Connector Type	Transceiver Type	Case Temp	DOM Capable	Min Software Support	DOM Support
C9200CX-8P-2X2G	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XE 17.9.1	IOS XE 17.9.1

Transceiver Notes for above line :

- FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m

C9200CX-12P-2X2G	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XE 17.9.1	IOS XE 17.9.1
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Transceiver Notes for above line :

- FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m

C9200CX-12T-2X2G	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XE 17.9.1	IOS XE 17.9.1
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Transceiver Notes for above line :

- FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m

C9200CX-8UXG-2X	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XE 17.9.4	IOS XE 17.9.4
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Transceiver Notes for above line :

- FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m

C9200CX-8UXG-2XH	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XE 17.9.4	IOS XE 17.9.4
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Transceiver Notes for above line :

- FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m

C9200CX-8P-2XGH	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XE 17.9.1	IOS XE 17.9.1
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Transceiver Notes for above line :

- FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m

C9200CX-12P-2XGH	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XE 17.9.1	IOS XE 17.9.1
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Transceiver Notes for above line :

- FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m

FPRUHI

Network Device Product ID	Transceiver Product ID	Transceiver Business Unit	Data Rate	Form Factor	Reach	Cable Type	Media	Connector Type	Transceiver Type	Case Temp	DOM Capable	Min Software Support	DOM Support
FPR9K-NM-8X10G	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	FTD 6.2	—
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
FPR9K-NM-8X10G	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	ASA 9.12	—
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
FPR9K-SM-24	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	Please refer to Firepower product datasheets and release notes for software configurations.	
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
FPR9K-SM-36	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	Please refer to Firepower product datasheets and release notes for software configurations.	
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
FPR9K-SM-40	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	FTD 6.2	—
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
FPR9K-SM-40	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	ASA 9.12	—
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
FPR9K-SM-44	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	FTD 6.2	—
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
FPR9K-SM-44	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	ASA 9.12	—
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
FPR9K-SM-48	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	FTD 6.2	—
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
FPR9K-SM-48	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	ASA 9.12	—
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
FPR9K-SM-56	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	FTD 6.2	—
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
FPR9K-SM-56	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	ASA 9.12	—
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													

IE3000

Network Device Product ID	Transceiver Product ID	Transceiver Business Unit	Data Rate	Form Factor	Reach	Cable Type	Media	Connector Type	Transceiver Type	Case Temp	DOM Capable	Min Software Support	DOM Support
IE-3000-4TC	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 12.2(44)EX	IOS 12.2(44)EX
Network Device Notes for above line : • When using nonindustrial rated transceivers, the hardened platform operating temperature range is de-rated. Please refer to the Cisco IE Datasheet or Hardware Installation Guide to calculate switch operating temperature ranges when nonindustrial SFPs are deployed. Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
IE-3000-8TC	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 12.2(44)EX	IOS 12.2(44)EX
Network Device Notes for above line : • When using nonindustrial rated transceivers, the hardened platform operating temperature range is de-rated. Please refer to the Cisco IE Datasheet or Hardware Installation Guide to calculate switch operating temperature ranges when nonindustrial SFPs are deployed. Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
IE-3010-16S-8PC	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 12.2(53)EZ	IOS 12.2(53)EZ
Network Device Notes for above line : • When using nonindustrial rated transceivers, the hardened platform operating temperature range is de-rated. Please refer to the Cisco IE Datasheet or Hardware Installation Guide to calculate switch operating temperature ranges when nonindustrial SFPs are deployed. Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
IE-3010-24TC	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 12.2(53)EZ	IOS 12.2(53)EZ
Network Device Notes for above line : • When using nonindustrial rated transceivers, the hardened platform operating temperature range is de-rated. Please refer to the Cisco IE Datasheet or Hardware Installation Guide to calculate switch operating temperature ranges when nonindustrial SFPs are deployed. Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													

N3500

Network Device Product ID	Transceiver Product ID	Transceiver Business Unit	Data Rate	Form Factor	Reach	Cable Type	Media	Connector Type	Transceiver Type	Case Temp	DOM Capable	Min Software Support	DOM Support
N3K-C3524P-10G	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	NX-OS 5.0(3)A1(1)	
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
N3K-C3548P-10G	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	NX-OS 5.0(3)A1(1)	
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
N3K-C3524P-10GX	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	NX-OS 6.0(2)A6(1)	NX-OS 6.0(2)A6(1)
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
N3K-C3548P-10GX	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	NX-OS 6.0(2)A6(1)	NX-OS 6.0(2)A6(1)
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
N3K-C3548P-XL	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	NX-OS 7.0(3)I7(3)	NX-OS 7.0(3)I7(3)
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
N3K-C3524P-XL	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	NX-OS 7.0(3)I7(3)	NX-OS 7.0(3)I7(3)
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													

UBR10K

Network Device Product ID	Transceiver Product ID	Transceiver Business Unit	Data Rate	Form Factor	Reach	Cable Type	Media	Connector Type	Transceiver Type	Case Temp	DOM Capable	Min Software Support	DOM Support
ESR-HH-1GE	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 12.3(13)B C	IOS 12.3(13) BC
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													

800BB

Network Device Product ID	Transceiver Product ID	Transceiver Business Unit	Data Rate	Form Factor	Reach	Cable Type	Media	Connector Type	Transceiver Type	Case Temp	DOM Capable	Min Software Support	DOM Support
CISCO892F-K9	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 15.1(2)T	—
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
CISCO892FW-K9	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 15.1(2)T	—
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													

UCSX

Network Device Product ID	Transceiver Product ID	Transceiver Business Unit	Data Rate	Form Factor	Reach	Cable Type	Media	Connector Type	Transceiver Type	Case Temp	DOM Capable	Min Software Support	DOM Support
UCSX-FI-6536	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	UCS Manager v4.2.2	—
Network Device Notes for above line : • QSFP Ports: QSA (CVR-QSFP-SFP10G) required for ports 9 and 10 only Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
UCSX-FI-6536	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IMM v4.2.2	—
Network Device Notes for above line : • QSFP Ports: QSA (CVR-QSFP-SFP10G) required for ports 9 and 10 only Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
UCSX-FI-6536-U	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	UCS Manager v4.2.2	—
Network Device Notes for above line : • QSFP Ports: QSA (CVR-QSFP-SFP10G) required for ports 9 and 10 only Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
UCSX-FI-6536-U	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IMM v4.2.2	—
Network Device Notes for above line : • QSFP Ports: QSA (CVR-QSFP-SFP10G) required for ports 9 and 10 only Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
UCS-FI-6536	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	UCS Manager v4.2.3	—
Network Device Notes for above line : • QSFP Ports: QSA (CVR-QSFP-SFP10G) required for ports 9 and 10 only Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
UCS-FI-6536	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IMM v4.2.3	—
Network Device Notes for above line : • QSFP Ports: QSA (CVR-QSFP-SFP10G) required for ports 9 and 10 only Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
UCSX-FI-6454-U	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	UCS Manager v4.0(1a)	UCS Manager v4.0(1a)
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													

Network Device Product ID	Transceiver Product ID	Transceiver Business Unit	Data Rate	Form Factor	Reach	Cable Type	Media	Connector Type	Transceiver Type	Case Temp	DOM Capable	Min Software Support	DOM Support
UCSX-FI-6454-U	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IMM v4.1(3)	IMM v4.1(3)
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
UCSX-FI-64108-U	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	UCS Manager v4.0(1a)	UCS Manager v4.0(1a)
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
UCSX-FI-64108-U	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IMM v4.1(3)	IMM v4.1(3)
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													

C9200

Network Device Product ID	Transceiver Product ID	Transceiver Business Unit	Data Rate	Form Factor	Reach	Cable Type	Media	Connector Type	Transceiver Type	Case Temp	DOM Capable	Min Software Support	DOM Support
C9200-NM-4G	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XE 16.10.1	IOS XE 16.10.1
Network Device Notes for above line : • Uplink module for C9200-24P/48P/24T/48T Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
C9200-NM-4G	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XE 17.3.1	IOS XE 17.3.1
Network Device Notes for above line : • Uplink module for C9200-48PL Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
C9200-NM-4X	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XE 16.10.1	IOS XE 16.10.1
Network Device Notes for above line : • Uplink module for C9200-24P/48P/24T/48T Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
C9200-NM-4X	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XE 16.12.2	IOS XE 16.12.2
Network Device Notes for above line : • Uplink module for C9200-24PXG; C9200-48PXG Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
C9200-NM-4X	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XE 17.3.1	IOS XE 17.3.1
Network Device Notes for above line : • Uplink module for C9200-48PL Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
C9200-NM-2Y	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XE 16.12.2	IOS XE 16.12.2
Network Device Notes for above line : • Uplink module for C9200L-24PXG-4X/2Y; C9200L-48PXG-4X/2Y Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													

C3560CX

Network Device Product ID	Transceiver Product ID	Transceiver Business Unit	Data Rate	Form Factor	Reach	Cable Type	Media	Connector Type	Transceiver Type	Case Temp	DOM Capable	Min Software Support	DOM Support
WS-C3560CX-8PC-S	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 15.2(3)E	IOS 15.2(3)E
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
WS-C3560CX-8TC-S	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 15.2(3)E	IOS 15.2(3)E

Network Device Product ID	Transceiver Product ID	Transceiver Business Unit	Data Rate	Form Factor	Reach	Cable Type	Media	Connector Type	Transceiver Type	Case Temp	DOM Capable	Min Software Support	DOM Support
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
WS-C3560CX-12TC-S	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 15.2(3)E	IOS 15.2(3)E
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
WS-C3560CX-12PC-S	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 15.2(3)E	IOS 15.2(3)E
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
WS-C3560CX-12PD-S	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 15.2(3)E	IOS 15.2(3)E
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
WS-C3560CX-8XPD-S	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 15.2(3)E	IOS 15.2(3)E
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													

ESS3000

Network Device Product ID	Transceiver Product ID	Transceiver Business Unit	Data Rate	Form Factor	Reach	Cable Type	Media	Connector Type	Transceiver Type	Case Temp	DOM Capable	Min Software Support	DOM Support
ESS-3300-NCP-E	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	Please see datasheet and release notes for minimum software release information .	
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
ESS-3300-NCP-A	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	Please see datasheet and release notes for minimum software release information .	
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													

CGS2500

Network Device Product ID	Transceiver Product ID	Transceiver Business Unit	Data Rate	Form Factor	Reach	Cable Type	Media	Connector Type	Transceiver Type	Case Temp	DOM Capable	Min Software Support	DOM Support
CGS-2520-24TC	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 12.2(53)EX	IOS 12.2(53)EX
Network Device Notes for above line : • When using nonindustrial rated transceivers, the hardened platform operating temperature range is de-rated. Please refer to the Cisco 2500 CGS Datasheet or Hardware Installation Guide to calculate switch operating temperature ranges when nonindustrial SFPs are deployed.													
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
CGS-2520-16S-8PC	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 12.2(53)EX	IOS 12.2(53)EX
Network Device Notes for above line : • When using nonindustrial rated transceivers, the hardened platform operating temperature range is de-rated. Please refer to the Cisco 2500 CGS Datasheet or Hardware Installation Guide to calculate switch operating temperature ranges when nonindustrial SFPs are deployed.													
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													

FPRMID

Network Device Product ID	Transceiver Product ID	Transceiver Business Unit	Data Rate	Form Factor	Reach	Cable Type	Media	Connector Type	Transceiver Type	Case Temp	DOM Capable	Min Software Support	DOM Support
FPR2K-NM-8X10G	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	FTD 6.2	—
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
FPR2K-NM-8X10G	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	ASA 9.12	—
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
FPR2110-NGFW-K9	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	FTD 6.2	—
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
FPR2120-NGFW-K9	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	FTD 6.2	—
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
FPR2130-NGFW-K9	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	FTD 6.2	—
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
FPR2140-NGFW-K9	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	FTD 6.2	—
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
FPR2110-ASA-K9	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	ASA 9.12	—
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
FPR2120-ASA-K9	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	ASA 9.12	—
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
FPR2130-ASA-K9	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	ASA 9.12	—
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
FPR2140-ASA-K9	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	ASA 9.12	—
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
FPR2K-NM-8X1G	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	ASA 9.12	—
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
FPR2K-NM-8X1G	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	FTD 6.2	—
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													

CSF1200

Network Device Product ID	Transceiver Product ID	Transceiver Business Unit	Data Rate	Form Factor	Reach	Cable Type	Media	Connector Type	Transceiver Type	Case Temp	DOM Capable	Min Software Support	DOM Support
CSF1210CE-ASA-K9	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	ASA 9.22.1	—
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
CSF1210CE-TD-K9	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	FTD 7.6	—
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
CSF1210CP-ASA-K9	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	ASA 9.22.1	—

Network Device Product ID	Transceiver Product ID	Transceiver Business Unit	Data Rate	Form Factor	Reach	Cable Type	Media	Connector Type	Transceiver Type	Case Temp	DOM Capable	Min Software Support	DOM Support
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
CSF1210CP-TD-K9	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	FTD 7.6	—
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
CSF1220CX-ASA-K9	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	ASA 9.22.1	—
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
CSF1220CX-TD-K9	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	FTD 7.6	—
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
CSF1230-ASA-K9	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	ASA 9.23	—
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
CSF1230-TD-K9	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	FTD 7.7	—
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
CSF1240-ASA-K9	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	ASA 9.23	—
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
CSF1240-TD-K9	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	FTD 7.7	—
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
CSF1250-ASA-K9	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	ASA 9.23	—
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
CSF1250-TD-K9	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	FTD 7.7	—
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													

C1200

Network Device Product ID	Transceiver Product ID	Transceiver Business Unit	Data Rate	Form Factor	Reach	Cable Type	Media	Connector Type	Transceiver Type	Case Temp	DOM Capable	Min Software Support	DOM Support
C1200-8T-E-2G	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	Please see datasheet and installation guide for minimum software release and configuration support information .	—
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
C1200-8P-E-2G	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	Please see datasheet and installation guide for minimum software release and configuration support information .	—
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													

Network Device Product ID	Transceiver Product ID	Transceiver Business Unit	Data Rate	Form Factor	Reach	Cable Type	Media	Connector Type	Transceiver Type	Case Temp	DOM Capable	Min Software Support	DOM Support
C1200-8FP-E-2G	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	Please see datasheet and installation guide for minimum software release and configuration support information .	—
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
C1200-16T-2G	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	Please see datasheet and installation guide for minimum software release and configuration support information .	—
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
C1200-16P-2G	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	Please see datasheet and installation guide for minimum software release and configuration support information .	—
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
C1200-24T-4G	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	Please see datasheet and installation guide for minimum software release and configuration support information .	—
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
C1200-24P-4G	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	Please see datasheet and installation guide for minimum software release and configuration support information .	—
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
C1200-24FP-4G	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	Please see datasheet and installation guide for minimum software release and configuration support information .	—
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
C1200-48T-4G	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	Please see datasheet and installation guide for minimum software release and configuration support information .	—
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													

Network Device Product ID	Transceiver Product ID	Transceiver Business Unit	Data Rate	Form Factor	Reach	Cable Type	Media	Connector Type	Transceiver Type	Case Temp	DOM Capable	Min Software Support	DOM Support
C1200-48P-4G	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	Please see datasheet and installation guide for minimum software release and configuration support information .	—
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
C1200-24T-4X	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	Please see datasheet and installation guide for minimum software release and configuration support information .	—
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
C1200-24P-4X	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	Please see datasheet and installation guide for minimum software release and configuration support information .	—
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
C1200-24FP-4X	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	Please see datasheet and installation guide for minimum software release and configuration support information .	—
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
C1200-48T-4X	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	Please see datasheet and installation guide for minimum software release and configuration support information .	—
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
C1200-48P-4X	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	Please see datasheet and installation guide for minimum software release and configuration support information .	—
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
C1200-8FP-2G	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	Please see datasheet and installation guide for minimum software release and configuration support information .	—
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													

SKYHW

Network Device Product ID	Transceiver Product ID	Transceiver Business Unit	Data Rate	Form Factor	Reach	Cable Type	Media	Connector Type	Transceiver Type	Case Temp	DOM Capable	Min Software Support	DOM Support
SKY-GT-A	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	Sensor Firmware 24.07	Sensor Firmware 24.07
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
SKY-GTS-A	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	Sensor Firmware 24.07	Sensor Firmware 24.07
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
SKY-GT-AA	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	Sensor Firmware 24.07	Sensor Firmware 24.07
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
SKY-GTS-AA	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	Sensor Firmware 24.07	Sensor Firmware 24.07
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
SKY-GT-H-DD	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	Sensor Firmware 24.07	Sensor Firmware 24.07
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
SKY-GTS-H-DD	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	Sensor Firmware 24.07	Sensor Firmware 24.07
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
SKY-LTS-DD	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	Sensor Firmware 24.07	Sensor Firmware 24.07
Network Device Notes for above line : • Supported on port 1 to 4 and 6 to 12 Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
SKY-LTS-H-DD	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	Sensor Firmware 24.07	Sensor Firmware 24.07
Network Device Notes for above line : • Supported on port 1 to 4 and 6 to 12 Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
SKY-LXS-H-DD	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	Sensor Firmware 24.07	Sensor Firmware 24.07
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
SKY-LXS-Y-DD	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	Sensor Firmware 24.07	Sensor Firmware 24.07
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
SKY-LXS-DD	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	Sensor Firmware 24.07	Sensor Firmware 24.07
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
SKY-LXS-YH-DD	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	Sensor Firmware 24.07	Sensor Firmware 24.07
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
SKY-MOD1G-HR-A	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	Sensor Firmware 24.07	Sensor Firmware 24.07
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
SKY-MOD1G-H-A	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	Sensor Firmware 24.07	Sensor Firmware 24.07
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
SKY-MOD1G-DD	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	Sensor Firmware 24.07	Sensor Firmware 24.07

Network Device Product ID	Transceiver Product ID	Transceiver Business Unit	Data Rate	Form Factor	Reach	Cable Type	Media	Connector Type	Transceiver Type	Case Temp	DOM Capable	Min Software Support	DOM Support
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
SKY-MOD1G-HR-DD	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	Sensor Firmware 24.07	Sensor Firmware 24.07
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
SKY-MOD1G-H-DD	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	Sensor Firmware 24.07	Sensor Firmware 24.07
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
SKY-MOD10G-A	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	Sensor Firmware 24.07	Sensor Firmware 24.07
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
SKY-MOD10G-H-A	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	Sensor Firmware 24.07	Sensor Firmware 24.07
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
SKY-MOD10G-DD	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	Sensor Firmware 24.07	Sensor Firmware 24.07
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
SKY-MOD10G-H-DD	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	Sensor Firmware 24.07	Sensor Firmware 24.07
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													

C9600

Network Device Product ID	Transceiver Product ID	Transceiver Business Unit	Data Rate	Form Factor	Reach	Cable Type	Media	Connector Type	Transceiver Type	Case Temp	DOM Capable	Min Software Support	DOM Support
C9600-SUP-1	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XE 16.11.1	IOS XE 16.11.1
Network Device Notes for above line : • Only for SFP+ Mgmt Port on Supervisor Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
C9600-LC-48YL	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XE 16.12.2	IOS XE 16.12.2
Network Device Notes for above line : • When in use with C9600-SUP-1. Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
C9600-LC-24C	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XE 16.12.2	IOS XE 16.12.2
Network Device Notes for above line : • When in use with C9600-SUP-1. QSFP Ports: QSA (CVR-QSFP-SFP10G) required. Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
C9600-LC-48S	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XE 17.2.1	IOS XE 17.2.1
Network Device Notes for above line : • When in use with C9600-SUP-1. Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
C9600-LC-40YL4CD	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XE 17.10.1	IOS XE 17.10.1
Network Device Notes for above line : • When in use with C9600-SUP-1. Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													

ISR1100

Network Device Product ID	Transceiver Product ID	Transceiver Business Unit	Data Rate	Form Factor	Reach	Cable Type	Media	Connector Type	Transceiver Type	Case Temp	DOM Capable	Min Software Support	DOM Support
ISR1100 8P	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	Please see datasheet and release notes for more information .	
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
ISR1100 4P	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	Please see datasheet and release notes for more information .	
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
ISR1100-6G	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XE SD-WAN 17.4.1	IOS XE SD-WAN 17.4.1
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
ISR1100X-6G	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XE SD-WAN 17.4.1	IOS XE SD-WAN 17.4.1
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													

FPRLOW

Network Device Product ID	Transceiver Product ID	Transceiver Business Unit	Data Rate	Form Factor	Reach	Cable Type	Media	Connector Type	Transceiver Type	Case Temp	DOM Capable	Min Software Support	DOM Support
FPR1120-NGFW-K9	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	FTD 6.4	—
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
FPR1140-NGFW-K9	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	FTD 6.4	—
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
FPR1150-NGFW-K9	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	FTD 6.4	—
Network Device Notes for above line : • Two of the SFP ports (ports 9 and 11) support 10 Gb/s data rate. Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
FPR1120-ASA-K9	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	ASA 9.15	—
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
FPR1140-ASA-K9	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	ASA 9.15	—
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
FPR1150-ASA-K9	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	ASA 9.15	—
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													

N2000

Network Device Product ID	Transceiver Product ID	Transceiver Business Unit	Data Rate	Form Factor	Reach	Cable Type	Media	Connector Type	Transceiver Type	Case Temp	DOM Capable	Min Software Support	DOM Support
N2K-C2232PP	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	NX-OS 4.2(1)N2(1	—

Network Device Product ID	Transceiver Product ID	Transceiver Business Unit	Data Rate	Form Factor	Reach	Cable Type	Media	Connector Type	Transceiver Type	Case Temp	DOM Capable	Min Software Support	DOM Support
												)	
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
N2K-C2348UPQ	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	NX-OS 7.0(3)N1(1)	NX-OS 7.0(3)N1(1)
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
N2K-C2348UPQ	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	ACI-N9KDK9-14.0(1)	ACI-N9KDK9-14.0(1)
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													

ASR920

Network Device Product ID	Transceiver Product ID	Transceiver Business Unit	Data Rate	Form Factor	Reach	Cable Type	Media	Connector Type	Transceiver Type	Case Temp	DOM Capable	Min Software Support	DOM Support
ASR-920-10SZ	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XE 3.13	IOS XE 3.13
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
ASR-920-12CZ	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XE 3.13	IOS XE 3.13
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
ASR-920-12SZ-IM	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XE 3.13	IOS XE 3.13
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
ASR-920-24SZ-M	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XE 3.14	IOS XE 3.14
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
ASR-920-24SZ-IM	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XE 3.14	IOS XE 3.14
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
ASR-920-4SZ	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XE 3.13	IOS XE 3.13
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
ASR-920-12SZ	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XE 16.9.1	IOS XE 16.9.1
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
ASR-920-10SZ-PD	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XE 3.13	IOS XE 3.13
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
ASR-920-8S4Z-PD	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XE 3.13	IOS XE 3.13
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
ASR-920-8S4Z	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XE 3.13	IOS XE 3.13
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													

C8400

Network Device Product ID	Transceiver Product ID	Transceiver Business Unit	Data Rate	Form Factor	Reach	Cable Type	Media	Connector Type	Transceiver Type	Case Temp	DOM Capable	Min Software Support	DOM Support
C8455-G2	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XE 17.15.3	IOS XE 17.15.3

Network Device Product ID	Transceiver Product ID	Transceiver Business Unit	Data Rate	Form Factor	Reach	Cable Type	Media	Connector Type	Transceiver Type	Case Temp	DOM Capable	Min Software Support	DOM Support
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
C8475-G2	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XE 17.15.3	IOS XE 17.15.3
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													

FPRHIGH

Network Device Product ID	Transceiver Product ID	Transceiver Business Unit	Data Rate	Form Factor	Reach	Cable Type	Media	Connector Type	Transceiver Type	Case Temp	DOM Capable	Min Software Support	DOM Support
FPR4K-NM-8X10G	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	FTD 6.4	—
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
FPR4K-NM-8X10G	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	ASA 9.14	—
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
FPR4K-XNM-8X25G	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	Please refer to Firepower product datasheets, installation guides, and release notes for software configurations.	
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
FPR4110-NGFW-K9	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	FTD 6.4	
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
FPR4112-NGFW-K9	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	FTD 6.4	
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
FPR4115-NGFW-K9	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	FTD 6.4	
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
FPR4120-NGFW-K9	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	FTD 6.4	—
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
FPR4125-NGFW-K9	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	FTD 6.4	
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
FPR4140-NGFW-K9	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	FTD 6.4	
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
FPR4145-NGFW-K9	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	FTD 6.4	
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
FPR4150-NGFW-K9	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	FTD 6.4	
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
FPR4110-ASA-K9	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	ASA 9.14	—
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
FPR4112-ASA-K9	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	ASA 9.14	—

Network Device Product ID	Transceiver Product ID	Transceiver Business Unit	Data Rate	Form Factor	Reach	Cable Type	Media	Connector Type	Transceiver Type	Case Temp	DOM Capable	Min Software Support	DOM Support
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
FPR4115-ASA-K9	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	ASA 9.14	—
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
FPR4120-ASA-K9	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	ASA 9.14	—
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
FPR4125-ASA-K9	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	ASA 9.14	—
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
FPR4140-ASA-K9	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	ASA 9.14	
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
FPR4145-ASA-K9	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	ASA 9.14	—
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
FPR4150-ASA-K9	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	ASA 9.14	
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													

UCSC

Network Device Product ID	Transceiver Product ID	Transceiver Business Unit	Data Rate	Form Factor	Reach	Cable Type	Media	Connector Type	Transceiver Type	Case Temp	DOM Capable	Min Software Support	DOM Support
UCSC-PCIE-ID10GF	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	UCS HUU 4.0(1c)	—
Network Device Notes for above line : • Operating System: CentOS Linux 7.5.1804; NIC firmware Driver Version I40e / 2.1.14-k Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
UCSC-PCIE-IQ10GF	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	UCS HUU 4.0(1c)	—
Network Device Notes for above line : • Operating System: CentOS Linux 7.5.1804; NIC firmware Driver Version I40e / 2.1.14-k Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													

UCSB

Network Device Product ID	Transceiver Product ID	Transceiver Business Unit	Data Rate	Form Factor	Reach	Cable Type	Media	Connector Type	Transceiver Type	Case Temp	DOM Capable	Min Software Support	DOM Support
UCS-FI-6332-U	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	UCS Manager v3.1	UCS Manager v3.1
Network Device Notes for above line : • QSFP Ports: QSA (CVR-QSFP-SFP10G) required Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
UCS-FI-6332-16UP-U	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	UCS Manager v3.0	UCS Manager v3.0
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
UCS-FI-6332-16UP-U	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	UCS Manager v3.1	UCS Manager v3.1

Network Device Product ID	Transceiver Product ID	Transceiver Business Unit	Data Rate	Form Factor	Reach	Cable Type	Media	Connector Type	Transceiver Type	Case Temp	DOM Capable	Min Software Support	DOM Support
Network Device Notes for above line : • QSFP Ports: QSA (CVR-QSFP-SFP10G) required Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
N10-S6100	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	UCS Manager v1.3	UCS Manager v1.3
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
N10-S6200	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	UCS Manager v1.3	UCS Manager v1.3
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
N10-E0440	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	UCS Manager v1.3	UCS Manager v1.3
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
N10-E0600	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	UCS Manager v1.3	UCS Manager v1.3
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
N20-I6584	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	UCS Manager v1.3	UCS Manager v1.3
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
UCS-FI-6248UP	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	UCS Manager v1.3	UCS Manager v2.0(1)
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
UCS-FI-E16UP	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	UCS Manager v1.3	UCS Manager v2.0(1)
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
UCS-IOM-2208XP	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	UCS Manager v1.3	UCS Manager v2.0(1)
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
UCS-FI-6454	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	UCS Manager v4.0(1a)	UCS Manager v4.0(1a)
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
UCS-FI-6454	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IMM v4.1(3)	IMM v4.1(3)
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
UCS-FI-64108	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	UCS Manager v4.0(1a)	UCS Manager v4.0(1a)
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
UCS-FI-64108	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IMM v4.1(3)	IMM v4.1(3)
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
UCS-FI-64108-U	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	UCS Manager v4.0(1a)	UCS Manager v4.0(1a)
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
UCS-FI-6454-U	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	UCS Manager v4.0(1a)	UCS Manager v4.0(1a)
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													

IE5000

Network Device Product ID	Transceiver Product ID	Transceiver Business Unit	Data Rate	Form Factor	Reach	Cable Type	Media	Connector Type	Transceiver Type	Case Temp	DOM Capable	Min Software Support	DOM Support
IE-5000-12S12P-10G	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 15.2(2)EB	IOS 15.2(2)EB
Network Device Notes for above line : • When using nonindustrial rated transceivers, the hardened platform operating temperature range is de-rated. Please refer to the Cisco IE Datasheet or Hardware Installation Guide to calculate switch operating temperature ranges when nonindustrial SFPs are deployed. Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
IE-5000-16S12P	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 15.2(2)EB1	IOS 15.2(2)EB1
Network Device Notes for above line : • When using nonindustrial rated transceivers, the hardened platform operating temperature range is de-rated. Please refer to the Cisco IE Datasheet or Hardware Installation Guide to calculate switch operating temperature ranges when nonindustrial SFPs are deployed. Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													

N7000

Network Device Product ID	Transceiver Product ID	Transceiver Business Unit	Data Rate	Form Factor	Reach	Cable Type	Media	Connector Type	Transceiver Type	Case Temp	DOM Capable	Min Software Support	DOM Support
N7K-M148GS-11	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	NX-OS 4.1(2)	NX-OS 4.1(2)
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
N7K-M148GS-11L	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	NX-OS 5.0(2a)	NX-OS 5.0(2a)
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
N7K-M148GS-11L	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	NX-OS 5.0(2a)	NX-OS 5.0(2a)
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
N7K-F132XP-15	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	NX-OS 5.1(1)	NX-OS 5.1(1)
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
N7K-F132XP-15	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	NX-OS 5.1(1)	NX-OS 5.1(1)
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
N7K-F248XP-25	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	NX-OS 6.0(1)	NX-OS 6.0(1)
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
N7K-F248XP-25E	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	NX-OS 6.1(2)	NX-OS 6.2(2)
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
N7K-F348XP-25	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	NX-OS 6.2(12)	—
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
N7K-M348XP-25L	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	NX-OS 8.0(1)	NX-OS 8.0(1)
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													

CE500

Network Device Product ID	Transceiver Product ID	Transceiver Business Unit	Data Rate	Form Factor	Reach	Cable Type	Media	Connector Type	Transceiver Type	Case Temp	DOM Capable	Min Software Support	DOM Support
WS-CE500-24LC	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to	Y	IOS	—

Network Device Product ID	Transceiver Product ID	Transceiver Business Unit	Data Rate	Form Factor	Reach	Cable Type	Media	Connector Type	Transceiver Type	Case Temp	DOM Capable	Min Software Support	DOM Support
								UPC)		85C		12.2(25)FY	
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
WS-CE500-24PC	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 12.2(25)FY	—
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
WS-CE500G-12TC	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 12.2(25)FY	—
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													

NCS540

Network Device Product ID	Transceiver Product ID	Transceiver Business Unit	Data Rate	Form Factor	Reach	Cable Type	Media	Connector Type	Transceiver Type	Case Temp	DOM Capable	Min Software Support	DOM Support
N540-24Z8Q2C-SYS	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XR 6.3.2	IOS XR 6.3.2
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
N540-ACC-SYS	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XR 6.3.2	IOS XR 6.3.2
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
N540X-ACC-SYS	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XR 6.3.2	IOS XR 6.3.2
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
N540X-16Z4G8Q2C-A	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XR 7.0.1	IOS XR 7.0.1
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
N540X-16Z4G8Q2C-D	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XR 7.0.1	IOS XR 7.0.1
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
N540-28Z4C-SYS-A	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XR 7.0.1	IOS XR 7.0.1
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
N540-28Z4C-SYS-D	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XR 7.0.1	IOS XR 7.0.1
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
N540X-12Z16G-SYS-A	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XR 7.0.1	IOS XR 7.0.1
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
N540X-12Z16G-SYS-D	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XR 7.0.1	IOS XR 7.0.1
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
N540-12Z20G-SYS-A	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XR 7.0.1	IOS XR 7.0.1
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
N540-12Z20G-SYS-D	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XR 7.0.1	IOS XR 7.0.1
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
N540X-8Z16G-SYS-A	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XR 7.3.1	IOS XR 7.3.1
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
N540X-8Z16G-SYS-D	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XR 7.3.1	IOS XR 7.3.1
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
N540X-6Z18G-SYS-A	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XR 7.3.1	IOS XR 7.3.1

Network Device Product ID	Transceiver Product ID	Transceiver Business Unit	Data Rate	Form Factor	Reach	Cable Type	Media	Connector Type	Transceiver Type	Case Temp	DOM Capable	Min Software Support	DOM Support
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
N540X-6Z18G-SYS-D	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XR 7.3.1	IOS XR 7.3.1
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
N540-FH-CSR-SYS	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XR 7.3.1	IOS XR 7.3.1
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
N540X-4Z14G2Q-A	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XR 7.4.1	IOS XR 7.4.1
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
N540X-4Z14G2Q-D	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XR 7.4.1	IOS XR 7.4.1
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
N540-24Q8L2DD-SYS	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XR 7.4.1	IOS XR 7.4.1
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
N540-FH-AGG-SYS	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XR 7.3.2	IOS XR 7.3.2
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
N540-6Z18G-SYS-A	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XR 7.8.1	IOS XR 7.8.1
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
N540-6Z18G-SYS-D	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XR 7.8.1	IOS XR 7.8.1
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
N540-6Z14S-SYS-D	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XR 7.5.2	IOS XR 7.5.2
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
N540X-16Z8Q2C-D	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XR 7.5.2	IOS XR 7.5.2
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
N540-24Q2C2DD-SYS	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XR 25.1.1	IOS XR 25.1.1
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													

C4KTOR

Network Device Product ID	Transceiver Product ID	Transceiver Business Unit	Data Rate	Form Factor	Reach	Cable Type	Media	Connector Type	Transceiver Type	Case Temp	DOM Capable	Min Software Support	DOM Support
WS-C4948	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 12.2(20)E WA	—
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
ME-4924-10GE	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 12.2(31)S GA	—
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
WS-4928-10GE	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 12.2(46)S G	—
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													

AIRCTU

Network Device Product ID	Transceiver Product ID	Transceiver Business Unit	Data Rate	Form Factor	Reach	Cable Type	Media	Connector Type	Transceiver Type	Case Temp	DOM Capable	Min Software Support	DOM Support
AIR-CT5760-25-K9	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XE 3.2.0SE	IOS XE 3.2.0SE
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
AIR-CT5760-50-K9	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XE 3.2.0SE	IOS XE 3.2.0SE
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
AIR-CT5760-100-K9	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XE 3.2.0SE	IOS XE 3.2.0SE
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
AIR-CT5760-250-K9	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XE 3.2.0SE	IOS XE 3.2.0SE
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
AIR-CT5760-500-K9	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XE 3.2.0SE	IOS XE 3.2.0SE
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
AIR-CT5760-1K-K9	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XE 3.2.0SE	IOS XE 3.2.0SE
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
AIR-CT5760-HA-K9	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XE 3.2.0SE	IOS XE 3.2.0SE
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													

IE3100

Network Device Product ID	Transceiver Product ID	Transceiver Business Unit	Data Rate	Form Factor	Reach	Cable Type	Media	Connector Type	Transceiver Type	Case Temp	DOM Capable	Min Software Support	DOM Support
IE-3100-4T2S-E	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	Please see datasheet and release notes for minimum software release information .	
Network Device Notes for above line : • When using nonindustrial rated transceivers, the hardened platform operating temperature range is de-rated. Please refer to the Cisco IE Datasheet or Hardware Installation Guide to calculate switch operating temperature ranges when nonindustrial SFPs are deployed. Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
IE-3100-8T2C-E	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	Please see datasheet and release notes for minimum software release information .	
Network Device Notes for above line : • When using nonindustrial rated transceivers, the hardened platform operating temperature range is de-rated. Please refer to the Cisco IE Datasheet or Hardware Installation Guide to calculate switch operating temperature ranges when nonindustrial SFPs are deployed. Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
IE-3100-8T4S-E	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	Please see datasheet and release notes for minimum software release information .	

Network Device Product ID	Transceiver Product ID	Transceiver Business Unit	Data Rate	Form Factor	Reach	Cable Type	Media	Connector Type	Transceiver Type	Case Temp	DOM Capable	Min Software Support	DOM Support
Network Device Notes for above line : • When using nonindustrial rated transceivers, the hardened platform operating temperature range is de-rated. Please refer to the Cisco IE Datasheet or Hardware Installation Guide to calculate switch operating temperature ranges when nonindustrial SFPs are deployed. Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
IE-3100-18T2C-E	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	Please see datasheet and release notes for minimum software release information .	
Network Device Notes for above line : • When using nonindustrial rated transceivers, the hardened platform operating temperature range is de-rated. Please refer to the Cisco IE Datasheet or Hardware Installation Guide to calculate switch operating temperature ranges when nonindustrial SFPs are deployed. Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
IE-3105-8T2C-E	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	Please see datasheet and release notes for minimum software release information .	
Network Device Notes for above line : • When using nonindustrial rated transceivers, the hardened platform operating temperature range is de-rated. Please refer to the Cisco IE Datasheet or Hardware Installation Guide to calculate switch operating temperature ranges when nonindustrial SFPs are deployed. Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
IE-3105-18T2C-E	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	Please see datasheet and release notes for minimum software release information .	
Network Device Notes for above line : • When using nonindustrial rated transceivers, the hardened platform operating temperature range is de-rated. Please refer to the Cisco IE Datasheet or Hardware Installation Guide to calculate switch operating temperature ranges when nonindustrial SFPs are deployed. Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
IE-3100-18T2C-CC-E	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	Please see datasheet and release notes for minimum software release information .	
Network Device Notes for above line : • When using nonindustrial rated transceivers, the hardened platform operating temperature range is de-rated. Please refer to the Cisco IE Datasheet or Hardware Installation Guide to calculate switch operating temperature ranges when nonindustrial SFPs are deployed. Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
IE-3100-4P2S-E	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	Please see datasheet and release notes for minimum software release information .	
Network Device Notes for above line : • When using nonindustrial rated transceivers, the hardened platform operating temperature range is de-rated. Please refer to the Cisco IE Datasheet or Hardware Installation Guide to calculate switch operating temperature ranges when nonindustrial SFPs are deployed. Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
IE-3100-8P2S-E	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	Please see datasheet and release notes for minimum software release information .	

Network Device Product ID	Transceiver Product ID	Transceiver Business Unit	Data Rate	Form Factor	Reach	Cable Type	Media	Connector Type	Transceiver Type	Case Temp	DOM Capable	Min Software Support	DOM Support
Network Device Notes for above line : • When using nonindustrial rated transceivers, the hardened platform operating temperature range is de-rated. Please refer to the Cisco IE Datasheet or Hardware Installation Guide to calculate switch operating temperature ranges when nonindustrial SFPs are deployed. Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													

8010 Series

Network Device Product ID	Transceiver Product ID	Transceiver Business Unit	Data Rate	Form Factor	Reach	Cable Type	Media	Connector Type	Transceiver Type	Case Temp	DOM Capable	Min Software Support	DOM Support
8011-4G24Y4H-I	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XR 25.1.1	IOS XR 25.1.1
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													

N9300

Network Device Product ID	Transceiver Product ID	Transceiver Business Unit	Data Rate	Form Factor	Reach	Cable Type	Media	Connector Type	Transceiver Type	Case Temp	DOM Capable	Min Software Support	DOM Support
N9K-C93180YC-EX	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	NX-OS 7.03i4.2	NX-OS 7.03i4.2
Network Device Notes for above line : • a) SFP Ports(1-48). ___b) QSFP Ports (49-54), QSA (CVR-QSFP-SFP10G) required. Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
N9K-C93180YC-EX	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	ACI-N9KDK9-11.3(2)	ACI-N9KDK9-13.0(1)
Network Device Notes for above line : • a) SFP Ports(1-48). ___b) QSFP Ports (49-54), QSA (CVR-QSFP-SFP10G) required, min SW Release ACI-N9KDK9-12.1(1). Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
N9K-C93180YC-FX	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	NX-OS 7.03i7.1	NX-OS 7.03i7.1
Network Device Notes for above line : • a) SFP Ports (1-48). ___b) QSFP Ports (49-54), QSA (CVR-QSFP-SFP10G) required. Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
N9K-C93180YC-FX	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	ACI-N9KDK9-12.2(2)	ACI-N9KDK9-13.0(1)
Network Device Notes for above line : • a) SFP Ports (1-48). ___b) QSFP Ports (49-54), QSA (CVR-QSFP-SFP10G) required. ___c) QSFP Ports (49 - 52) supports 40G breakout, min SW release ACI-N9KDK9-13.2(1). Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
N9K-C9348GC-FXP	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	NX-OS 7.03i7.1	—
Network Device Notes for above line : • SFP Ports (49-52). Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
N9K-C9348GC-FXP	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	ACI-N9KDK9-13.0(1)	ACI-N9KDK9-13.0(1)
Network Device Notes for above line : • a) SFP Ports (49-52). ___b) QSFP Ports (53-54), QSA (CVR-QSFP-SFP10G) required, min SW release ACI-N9KDK9-13.1(2). Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
N9K-C93240YC-FX2	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	NX-OS 7.03i7.3	
Network Device Notes for above line : • SFP Ports (1-48) Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													

Network Device Product ID	Transceiver Product ID	Transceiver Business Unit	Data Rate	Form Factor	Reach	Cable Type	Media	Connector Type	Transceiver Type	Case Temp	DOM Capable	Min Software Support	DOM Support
N9K-C93240YC-FX2	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	ACI-N9KDK9-14.0(1)	ACI-N9KDK9-14.0(1)
Network Device Notes for above line : • a) SFP Ports (1-48). ____b) QSFP Ports (49,50, 55-60), QSA (CVR-QSFP-SFP10G) required. Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
N9K-C9336C-FX2	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	ACI-N9KDK9-13.1(2)	ACI-N9KDK9-13.1(2)
Network Device Notes for above line : • QSFP Ports (7-32), QSA (CVR-QSFP-SFP10G) required. Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
N9K-C9336C-FX2	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	NX-OS 7.03.17.3	NX-OS 7.03.17.3
Network Device Notes for above line : • QSFP Ports (7-32), QSA (CVR-QSFP-SFP10G) required. Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
N9K-C9336C-FX2	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	NX-OS 10.3(3)F	NX-OS 10.3(3)F
Network Device Notes for above line : • QSFP Ports (7-32), QSA28 (CVR-QSFP28-SFP25G) required. Supports 1000BASE-T data rate only Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
N9K-C9372PX	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	NX-OS 6.1(2)I3(1)	NX-OS 6.1(2)I3(1)
Network Device Notes for above line : • a) SFP Ports (1-48). ____b) QSFP Ports (49-54), QSA (CVR-QSFP-SFP10G) required. Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
N9K-C9372PX	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	ACI-N9KDK9-11.0(3f)	—
Network Device Notes for above line : • SFP Ports (1-48) Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
N9K-C9372PX-E	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	NX-OS 7.0(3)I2(1)	NX-OS 7.0(3)I2(1)
Network Device Notes for above line : • a) SFP Ports (1-48). ____b) QSFP Ports (49-54), QSA (CVR-QSFP-SFP10G) required. Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
N9K-C9372PX-E	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	ACI-N9KDK9-11.0(3f)	—
Network Device Notes for above line : • SFP Ports (1-48) Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
N9K-C93108TC-EX	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	ACI-N9KDK9-12.0(1)	ACI-N9KDK9-12.0(1)
Network Device Notes for above line : • QSFP Ports (49-54), QSA (CVR-QSFP-SFP10G) required, min SW Release ACI-N9KDK9-12.1(1). Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
N9K-C93108TC-EX	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	NX-OS 7.03I5.1	NX-OS 7.03I5.1
Network Device Notes for above line : • QSFP Ports (49-54): QSA (CVR-QSFP-SFP10G) required. Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
N9K-C93180LC-EX	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	NX-OS 7.03I7.1	—
Network Device Notes for above line : • QSFP Ports, QSA (CVR-QSFP-SFP10G) required. Mode 1: 28 x 40G + 4 x 40G/100G (If top port is configured as 10G or 1G using QSA adapter; the bottom port also needs to be 10G or 1G to match the speed). Mode 2: 24 x 40G + 6 x 40G/100G (If top port is configured as 10G or 1G using QSA adapter; the bottom port also needs to be 10G or 1G to match the speed). Port 26 and 28 are disabled. Mode 3: 18 x 40G/100G (QSA is supported on all the 18 ports.) Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
N9K-C93108TC-FX	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	ACI-N9KDK9-12.2(2)	ACI-N9KDK9-12.2(2)

Network Device Product ID	Transceiver Product ID	Transceiver Business Unit	Data Rate	Form Factor	Reach	Cable Type	Media	Connector Type	Transceiver Type	Case Temp	DOM Capable	Min Software Support	DOM Support
Network Device Notes for above line : • QSFP Ports (49-54), QSA (CVR-QSFP-SFP10G) required. Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
N9K-C93108TC-FX	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	NX-OS 9.2.1	NX-OS 9.2.1
Network Device Notes for above line : • QSFP Ports (49-54), QSA (CVR-QSFP-SFP10G) required. Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
N9K-C9364C	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	ACI-N9KDK9-13.0(1)	ACI-N9KDK9-13.0(1)
Network Device Notes for above line : • a) QSFP Ports (1-48), QSA (CVR-QSFP-SFP10G) required. ___ b) SFP Ports (65-66) Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
N9K-C9364C	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	NX-OS 7.03i7.2	NX-OS 7.03i7.2
Network Device Notes for above line : • Supported on ports 65 and 66 only Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
N9K-C9364C	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	NX-OS 9.3.5	NX-OS 9.3.5
Network Device Notes for above line : • QSFP Ports (1-48), QSA (CVR-QSFP-SFP10G) required. Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
N9K-C9396PX	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	NX-OS 6.1(2)i2(1)	NX-OS 6.1(2)i2(1)
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
N9K-C9396PX	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	ACI-N9KDK9-11.0(3f)	—
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
N9K-C9332C	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	ACI-N9KDK9-14.0(1)	ACI-N9KDK9-14.0(1)
Network Device Notes for above line : • a) QSFP Ports (1-24), QSA (CVR-QSFP-SFP10G) required. ___ b) SFP Ports (33-34). Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
N9K-C9332C	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	NX-OS 9.2(3)	NX-OS 9.2(3)
Network Device Notes for above line : • Supported on ports 33 and 34 only Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
N9K-C93360YC-FX2	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	ACI-N9KDK9-14.1(2)	ACI-N9KDK9-14.1(2)
Network Device Notes for above line : • a) SFP Ports (1-96). ___ b) QSFP Ports (97-108), QSA (CVR-QSFP-SFP10G) required. Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
N9K-C93360YC-FX2	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	NX-OS 9.3.1	NX-OS 9.3.1
Network Device Notes for above line : • SFP Ports (1-96). Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
N9K-C93180YC-FX3S	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	NX-OS 9.3(5)	NX-OS 9.3(5)
Network Device Notes for above line : • a) SFP Ports (1-48). SyncE: network device and optic combination tested. ___ b) QSFP Ports (49-54), QSA (CVR-QSFP-SFP10G) required. SyncE: network device and optic combination tested. Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
N9K-C93180YC-FX3	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	NX-OS 9.3(7)	NX-OS 9.3(7)

Network Device Product ID	Transceiver Product ID	Transceiver Business Unit	Data Rate	Form Factor	Reach	Cable Type	Media	Connector Type	Transceiver Type	Case Temp	DOM Capable	Min Software Support	DOM Support
Network Device Notes for above line : • a) SFP Ports (1-48). SyncE: network device and optic combination tested.____ b) QSFP Ports (49-54), QSA (CVR-QSFP-SFP10G) required. SyncE: network device and optic combination tested. Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
N9K-C93180YC-FX3	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	ACI-N9KDK9-15.1(3)	ACI-N9KDK9-15.1(3)
Network Device Notes for above line : • a) SFP Ports (1-48). SyncE: network device and optic combination tested for ACI-N9KDK9-15.2.x onwards.____ b) QSFP Ports (49-54), QSA (CVR-QSFP-SFP10G) required. SyncE: network device and optic combination tested for ACI-N9KDK9-15.2.x onwards. Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
N9K-C93180YC-FX3	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	NX-OS 10.1(1)	NX-OS 10.1(1)
Network Device Notes for above line : • a) SFP Ports (1-48). SyncE: network device and optic combination tested.____ b) QSFP Ports (49-54), QSA (CVR-QSFP-SFP10G) required. SyncE: network device and optic combination tested. Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
N9K-C93180YC-FX2-E	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	NX-OS 10.1.1	NX-OS 10.1.1
Network Device Notes for above line : • QSFP Ports (9-36), QSA (CVR-QSFP-SFP10G) required. Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
N9K-C9336C-FX2-E	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	ACI-N9KDK9-15.2(4)	ACI-N9KDK9-15.2(4)
Network Device Notes for above line : • QSFP Ports (9-36), QSA (CVR-QSFP-SFP10G) required. Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
N9K-C93108TC-FX3P	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	NX-OS 9.3.5	NX-OS 9.3.5
Network Device Notes for above line : • QSFP Ports: QSA (CVR-QSFP-SFP10G) required. Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
N9K-C93108TC-FX3P	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	ACI-N9KDK9-15.1(3)	ACI-N9KDK9-15.1(3)
Network Device Notes for above line : • QSFP Ports: QSA (CVR-QSFP-SFP10G) required. Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
N9K-C9348GC-FX3	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	NX-OS 10.4(4)	NX-OS 10.4(4)
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
N9K-C9348GC-FX3	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	ACI-N9KDK9-16.0(5)	ACI-N9KDK9-16.0(5)
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
N9K-C9348GC-FX3	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	NX-OS 10.5(2)	NX-OS 10.5(2)
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
N9K-C9348GC-FX3PH	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	NX-OS 10.4(2)	NX-OS 10.4(2)
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
N9K-C93108TC-FX3	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	NX-OS 10.4(2)	NX-OS 10.4(2)
Network Device Notes for above line : • QSFP ports, QSA (CVR-QSFP-SFP10G) required. Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
N9K-C93108TC-FX-24	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	ACI-N9KDK9-15.2	ACI-N9KDK9-15.2
Network Device Notes for above line : • QSFP Ports (49-54), QSA (CVR-QSFP-SFP10G) required. Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													

Network Device Product ID	Transceiver Product ID	Transceiver Business Unit	Data Rate	Form Factor	Reach	Cable Type	Media	Connector Type	Transceiver Type	Case Temp	DOM Capable	Min Software Support	DOM Support
N9K-C93108TC-FX-24	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	NX-OS 9.3.2	NX-OS 9.3.2
Network Device Notes for above line : • QSFP Ports (49-54), QSA (CVR-QSFP-SFP10G) required. Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
N9K-C93108TC-FX3H	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	ACI-N9KDK9-16.0	ACI-N9KDK9-16.0
Network Device Notes for above line : • QSFP Ports, QSA (CVR-QSFP-SFP10G) required. Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
N9K-C93108TC-FX3H	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	NX-OS 10.3(1)F	NX-OS 10.3(1)F
Network Device Notes for above line : • QSFP Ports, QSA (CVR-QSFP-SFP10G) required. Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
N9K-C93180YC-FX-24	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	ACI-N9KDK9-15.2	ACI-N9KDK9-15.2
Network Device Notes for above line : • QSFP Ports, QSA (CVR-QSFP-SFP10G) required. Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
N9K-C93180YC-FX-24	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	NX-OS 9.3.2	NX-OS 9.3.2
Network Device Notes for above line : • QSFP Ports, QSA (CVR-QSFP-SFP10G) required. Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
N9K-C93180YC-FX3H	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	ACI-N9KDK9-16.0	ACI-N9KDK9-16.0
Network Device Notes for above line : • QSFP ports, QSA (CVR-QSFP-SFP10G) required. SyncE: network device and optic combination tested. Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
N9K-C93180YC-FX3H	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	NX-OS 10.3(1)F	NX-OS 10.3(1)F
Network Device Notes for above line : • SyncE: network device and optic combination tested. QSFP ports, QSA (CVR-QSFP-SFP10G) required. Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													

IR8000

Network Device Product ID	Transceiver Product ID	Transceiver Business Unit	Data Rate	Form Factor	Reach	Cable Type	Media	Connector Type	Transceiver Type	Case Temp	DOM Capable	Min Software Support	DOM Support
IR8340-K9	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XE 17.7.1	IOS XE 17.7.1
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													

C2960C

Network Device Product ID	Transceiver Product ID	Transceiver Business Unit	Data Rate	Form Factor	Reach	Cable Type	Media	Connector Type	Transceiver Type	Case Temp	DOM Capable	Min Software Support	DOM Support
WS-C2960CG-8TC-L	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 12.2(55)EX 1	—
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
WS-C2960C-8TC-S	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 12.2(55)EX 3	—

Network Device Product ID	Transceiver Product ID	Transceiver Business Unit	Data Rate	Form Factor	Reach	Cable Type	Media	Connector Type	Transceiver Type	Case Temp	DOM Capable	Min Software Support	DOM Support
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
WS-C2960C-8TC-L	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 12.2(55)EX3	—
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
WS-C2960C-8PC-L	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 12.2(55)EX3	—
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
WS-C2960C-12PC-L	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 12.2(55)EX3	—
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													

C9300

Network Device Product ID	Transceiver Product ID	Transceiver Business Unit	Data Rate	Form Factor	Reach	Cable Type	Media	Connector Type	Transceiver Type	Case Temp	DOM Capable	Min Software Support	DOM Support
C9300-NM-2Y	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XE 16.8.1	IOS XE 16.8.1
Network Device Notes for above line : • Uplink module for C9300- 24T/48T/24P/48P/24U/48U/24UX/48UXM/48UN Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
C9300-NM-8X	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XE 16.5.1	IOS XE 16.5.1
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
C9300-NM-4G	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XE 16.5.1	IOS XE 16.5.1
Network Device Notes for above line : • Uplink module for C9300- 24T/48T/24P/48P/24U/48U/24UX/48UXM/48UN Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
C9300-NM-2Q	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XE 17.1.1	IOS XE 17.1.1
Network Device Notes for above line : • For QSFP ports, QSA (CVR-QSFP-SFP10G) required. Uplink module for C9300- 24T/48T/24P/48P/24U/48U/24UX/48UXM/48UN Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
C9300-24S	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XE 16.11.1	IOS XE 16.11.1
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
C9300-48S	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XE 16.11.1	IOS XE 16.11.1
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													

C3560

Network Device Product ID	Transceiver Product ID	Transceiver Business Unit	Data Rate	Form Factor	Reach	Cable Type	Media	Connector Type	Transceiver Type	Case Temp	DOM Capable	Min Software Support	DOM Support
WS-C3560-24PS	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 12.1(19)EA1c	IOS 12.2(46)SE
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
WS-C3560-48PS	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 12.1(19)EA1c	IOS 12.2(46)SE

Network Device Product ID	Transceiver Product ID	Transceiver Business Unit	Data Rate	Form Factor	Reach	Cable Type	Media	Connector Type	Transceiver Type	Case Temp	DOM Capable	Min Software Support	DOM Support
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
WS-C3560-24TS	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 12.2(20)SE 3	IOS 12.2(46)SE
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
WS-C3560-48TS	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 12.2(20)SE 3	IOS 12.2(46)SE
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
WS-C3560G-24PS	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 12.2(20)SE 3	IOS 12.2(46)SE
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
WS-C3560G-24TS	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 12.2(20)SE 3	IOS 12.2(46)SE
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
WS-C3560G-48PS	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 12.2(20)SE 3	IOS 12.2(46)SE
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
WS-C3560G-48TS	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 12.2(20)SE 3	IOS 12.2(46)SE
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
WS-C3560-8PC	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 12.2(35)SE	—
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
WS-C3560V2-24PS	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 12.2(50)SE	IOS 12.2(50)SE
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
WS-C3560V2-24TS	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 12.2(50)SE	IOS 12.2(50)SE
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
WS-C3560V2-48PS	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 12.2(50)SE	IOS 12.2(50)SE
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
WS-C3560V2-48TS	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 12.2(50)SE	IOS 12.2(50)SE
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
WS-C3560E-24TD	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 12.2(35)SE 2	IOS 12.2(46)SE
Network Device Notes for above line : • With CVR-X2-SFP (for X2 ports) Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
WS-C3560E-24PD	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 12.2(35)SE 2	IOS 12.2(46)SE
Network Device Notes for above line : • With CVR-X2-SFP (for X2 ports) Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
WS-C3560E-48TD	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 12.2(35)SE 2	IOS 12.2(46)SE
Network Device Notes for above line : • With CVR-X2-SFP (for X2 ports) Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
WS-C3560E-48PD	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 12.2(35)SE 2	IOS 12.2(46)SE

Network Device Product ID	Transceiver Product ID	Transceiver Business Unit	Data Rate	Form Factor	Reach	Cable Type	Media	Connector Type	Transceiver Type	Case Temp	DOM Capable	Min Software Support	DOM Support
Network Device Notes for above line : • With CVR-X2-SFP (for X2 ports) Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
WS-C3560E-48PDF	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 12.2(35)SE 2	IOS 12.2(46)SE
Network Device Notes for above line : • With CVR-X2-SFP (for X2 ports) Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
WS-C3560E-12SD	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 12.2(44)SE	IOS 12.2(46)SE
Network Device Notes for above line : • With CVR-X2-SFP (for X2 ports) Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
WS-C3560E-12SD	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 12.2(44)SE	IOS 12.2(46)SE
Network Device Notes for above line : • With CVR-X2-SFP (for X2 ports) Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
WS-C3560E-12D	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 12.2(40)EX	IOS 12.2(46)SE
Network Device Notes for above line : • With CVR-X2-SFP (for X2 ports) Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													

C2350

Network Device Product ID	Transceiver Product ID	Transceiver Business Unit	Data Rate	Form Factor	Reach	Cable Type	Media	Connector Type	Transceiver Type	Case Temp	DOM Capable	Min Software Support	DOM Support
2350-48TD-S	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 12.2(46)EY	—
Network Device Notes for above line : • With CVR-X2-SFP Twin Gig converter Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
2350-48TD-SD	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 12.2(46)EY	—
Network Device Notes for above line : • With CVR-X2-SFP Twin Gig converter Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													

CGPON

Network Device Product ID	Transceiver Product ID	Transceiver Business Unit	Data Rate	Form Factor	Reach	Cable Type	Media	Connector Type	Transceiver Type	Case Temp	DOM Capable	Min Software Support	DOM Support
CGP-OLT-8T	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	1.2.1.17	1.2.1.17
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
CGP-OLT-16T	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	1.2.1.17	1.2.1.17
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													

ME3600X

Network Device Product ID	Transceiver Product ID	Transceiver Business Unit	Data Rate	Form Factor	Reach	Cable Type	Media	Connector Type	Transceiver Type	Case Temp	DOM Capable	Min Software Support	DOM Support
ME-3600X-24FS-M	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 12.2(52)EY	IOS 12.2(52)EY
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
ME-3600X-24CX-M	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 15.2(2)S1	IOS 15.2(2)S1
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
ME-3600X-24TS-M	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 12.2(52)EY	IOS 12.2(52)EY
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													

C4500X

Network Device Product ID	Transceiver Product ID	Transceiver Business Unit	Data Rate	Form Factor	Reach	Cable Type	Media	Connector Type	Transceiver Type	Case Temp	DOM Capable	Min Software Support	DOM Support
WS-C4500X-32SFP+	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 3.3.0SG	IOS 3.7.2E
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
WS-C4500X-F-32SFP+	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 3.3.0SG	IOS 3.7.2E
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
WS-C4500X-40X-ES	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 3.3.0SG	IOS 3.7.2E
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
C4KX-NM-8SFP+	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 3.3.0SG	IOS 3.7.2E
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
WS-C4500X-16SFP+	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 3.3.1SG	IOS 3.7.2E
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
WS-C4500X-F-16SFP+	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 3.3.1SG	IOS 3.7.2E
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
WS-C4500X-24X-ES	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 3.3.1SG	IOS 3.7.2E
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													

C1300

Network Device Product ID	Transceiver Product ID	Transceiver Business Unit	Data Rate	Form Factor	Reach	Cable Type	Media	Connector Type	Transceiver Type	Case Temp	DOM Capable	Min Software Support	DOM Support
C1300-8T-E-2G	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	Please see datasheet and installation guide for minimum software release	—

Network Device Product ID	Transceiver Product ID	Transceiver Business Unit	Data Rate	Form Factor	Reach	Cable Type	Media	Connector Type	Transceiver Type	Case Temp	DOM Capable	Min Software Support	DOM Support
												and configuration support information .	
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
C1300-8P-E-2G	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	Please see datasheet and installation guide for minimum software release and configuration support information .	—
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
C1300-8FP-2G	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	Please see datasheet and installation guide for minimum software release and configuration support information .	—
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
C1300-16T-2G	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	Please see datasheet and installation guide for minimum software release and configuration support information .	—
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
C1300-16P-2G	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	Please see datasheet and installation guide for minimum software release and configuration support information .	—
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
C1300-16FP-2G	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	Please see datasheet and installation guide for minimum software release and configuration support information .	—
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
C1300-24T-4G	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	Please see datasheet and installation guide for minimum software release and configuration support information .	—
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													

Network Device Product ID	Transceiver Product ID	Transceiver Business Unit	Data Rate	Form Factor	Reach	Cable Type	Media	Connector Type	Transceiver Type	Case Temp	DOM Capable	Min Software Support	DOM Support
C1300-24P-4G	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	Please see datasheet and installation guide for minimum software release and configuration support information .	—
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
C1300-24FP-4G	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	Please see datasheet and installation guide for minimum software release and configuration support information .	—
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
C1300-48T-4G	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	Please see datasheet and installation guide for minimum software release and configuration support information .	—
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
C1300-48P-4G	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	Please see datasheet and installation guide for minimum software release and configuration support information .	—
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
C1300-16P-4X	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	Please see datasheet and installation guide for minimum software release and configuration support information .	—
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
C1300-24T-4X	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	Please see datasheet and installation guide for minimum software release and configuration support information .	—
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
C1300-24P-4X	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	Please see datasheet and installation guide for minimum software release and configuration support information .	—
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													

Network Device Product ID	Transceiver Product ID	Transceiver Business Unit	Data Rate	Form Factor	Reach	Cable Type	Media	Connector Type	Transceiver Type	Case Temp	DOM Capable	Min Software Support	DOM Support
C1300-24FP-4X	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	Please see datasheet and installation guide for minimum software release and configuration support information .	—
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
C1300-48T-4X	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	Please see datasheet and installation guide for minimum software release and configuration support information .	—
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
C1300-48P-4X	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	Please see datasheet and installation guide for minimum software release and configuration support information .	—
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
C1300-48FP-4X	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	Please see datasheet and installation guide for minimum software release and configuration support information .	—
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
C1300-8MGP-2X	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	Please see datasheet and installation guide for minimum software release and configuration support information .	—
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
C1300-24MGP-4X	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	Please see datasheet and installation guide for minimum software release and configuration support information .	—
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
C1300-48MGP-4X	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	Please see datasheet and installation guide for minimum software release and configuration support information .	—
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													

Network Device Product ID	Transceiver Product ID	Transceiver Business Unit	Data Rate	Form Factor	Reach	Cable Type	Media	Connector Type	Transceiver Type	Case Temp	DOM Capable	Min Software Support	DOM Support
C1300-12XT-2X	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	Please see datasheet and installation guide for minimum software release and configuration support information .	—
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
C1300-12XS	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	Please see datasheet and installation guide for minimum software release and configuration support information .	—
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
C1300-16XTS	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	Please see datasheet and installation guide for minimum software release and configuration support information .	—
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
C1300-24XS	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	Please see datasheet and installation guide for minimum software release and configuration support information .	—
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
C1300-24XT	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	Please see datasheet and installation guide for minimum software release and configuration support information .	—
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
C1300-24XTS	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	Please see datasheet and installation guide for minimum software release and configuration support information .	—
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
C1300-48FP-4G	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	Please see datasheet and installation guide for minimum software release and configuration support information .	—
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													

N3550

Network Device Product ID	Transceiver Product ID	Transceiver Business Unit	Data Rate	Form Factor	Reach	Cable Type	Media	Connector Type	Transceiver Type	Case Temp	DOM Capable	Min Software Support	DOM Support
N35-T-48X	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	NX-OS 10.2(3v)	NX-OS 10.2(3v)
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
N35-FS-48X	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	1.17.0	—
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
N35-FM-48X	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	1.17.0	—
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													

C2960CX

Network Device Product ID	Transceiver Product ID	Transceiver Business Unit	Data Rate	Form Factor	Reach	Cable Type	Media	Connector Type	Transceiver Type	Case Temp	DOM Capable	Min Software Support	DOM Support
WS-C2960CX-8TC-L	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 15.2(3)E	IOS 15.2(3)E
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
WS-C2960CX-8PC-L	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 15.2(3)E	IOS 15.2(3)E
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													

N4000

Network Device Product ID	Transceiver Product ID	Transceiver Business Unit	Data Rate	Form Factor	Reach	Cable Type	Media	Connector Type	Transceiver Type	Case Temp	DOM Capable	Min Software Support	DOM Support
N4K-4001I-XPX	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	NX-OS 4.1(2)E1(1)	—
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													

ISR3900

Network Device Product ID	Transceiver Product ID	Transceiver Business Unit	Data Rate	Form Factor	Reach	Cable Type	Media	Connector Type	Transceiver Type	Case Temp	DOM Capable	Min Software Support	DOM Support
3925	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 15.0(1)M	—
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
3945	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 15.0(1)M	—
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													

ESR6300

Network Device Product ID	Transceiver Product ID	Transceiver Business Unit	Data Rate	Form Factor	Reach	Cable Type	Media	Connector Type	Transceiver Type	Case Temp	DOM Capable	Min Software Support	DOM Support
ESR-6300-NCP-K9	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XE 17.1.1	IOS XE 17.1.1
Network Device Notes for above line : - When using nonindustrial rated transceivers, the hardened platform operating temperature range is de-rated. Please refer to the Cisco ESR6300 Datasheet or Hardware Installation Guide to calculate switch operating temperature ranges when nonindustrial SFPs are deployed. Transceiver Notes for above line : - FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
ESR-6300-CON-K9	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XE 17.1.1	IOS XE 17.1.1
Network Device Notes for above line : - When using nonindustrial rated transceivers, the hardened platform operating temperature range is de-rated. Please refer to the Cisco ESR6300 Datasheet or Hardware Installation Guide to calculate switch operating temperature ranges when nonindustrial SFPs are deployed. Transceiver Notes for above line : - FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													

UBR7200

Network Device Product ID	Transceiver Product ID	Transceiver Business Unit	Data Rate	Form Factor	Reach	Cable Type	Media	Connector Type	Transceiver Type	Case Temp	DOM Capable	Min Software Support	DOM Support
uBR7200-NPE-G2	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 12.2SB	IOS 12.2SB
Transceiver Notes for above line : FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													

IE2000

Network Device Product ID	Transceiver Product ID	Transceiver Business Unit	Data Rate	Form Factor	Reach	Cable Type	Media	Connector Type	Transceiver Type	Case Temp	DOM Capable	Min Software Support	DOM Support
IE-2000-4TS-G-L	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 15.0(1)EY	IOS 15.0(1)EY
Network Device Notes for above line : - When using nonindustrial rated transceivers, the hardened platform operating temperature range is de-rated. Please refer to the Cisco IE Datasheet or Hardware Installation Guide to calculate switch operating temperature ranges when nonindustrial SFPs are deployed. Transceiver Notes for above line : - FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
IE-2000-4TS-G-B	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 15.0(1)EY	IOS 15.0(1)EY
Network Device Notes for above line : - When using nonindustrial rated transceivers, the hardened platform operating temperature range is de-rated. Please refer to the Cisco IE Datasheet or Hardware Installation Guide to calculate switch operating temperature ranges when nonindustrial SFPs are deployed. Transceiver Notes for above line : - FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
IE-2000-4S-TS-G-L	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 15.0(1)EY	IOS 15.0(1)EY
Network Device Notes for above line : - When using nonindustrial rated transceivers, the hardened platform operating temperature range is de-rated. Please refer to the Cisco IE Datasheet or Hardware Installation Guide to calculate switch operating temperature ranges when nonindustrial SFPs are deployed. Transceiver Notes for above line : - FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
IE-2000-4S-TS-G-B	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 15.0(1)EY	IOS 15.0(1)EY
Network Device Notes for above line : - When using nonindustrial rated transceivers, the hardened platform operating temperature range is de-rated. Please refer to the Cisco IE Datasheet or Hardware Installation Guide to calculate switch operating temperature ranges when nonindustrial SFPs are deployed. Transceiver Notes for above line : - FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
IE-2000-8TC-G-L	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 15.0(1)EY	IOS 15.0(1)EY

Network Device Product ID	Transceiver Product ID	Transceiver Business Unit	Data Rate	Form Factor	Reach	Cable Type	Media	Connector Type	Transceiver Type	Case Temp	DOM Capable	Min Software Support	DOM Support
Network Device Notes for above line : • When using nonindustrial rated transceivers, the hardened platform operating temperature range is de-rated. Please refer to the Cisco IE Datasheet or Hardware Installation Guide to calculate switch operating temperature ranges when nonindustrial SFPs are deployed. Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
IE-2000-8TC-G-B	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 15.0(1)EY	IOS 15.0(1)EY
Network Device Notes for above line : • When using nonindustrial rated transceivers, the hardened platform operating temperature range is de-rated. Please refer to the Cisco IE Datasheet or Hardware Installation Guide to calculate switch operating temperature ranges when nonindustrial SFPs are deployed. Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
IE-2000-8TC-G-E	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 15.0(1)EY	IOS 15.0(1)EY
Network Device Notes for above line : • When using nonindustrial rated transceivers, the hardened platform operating temperature range is de-rated. Please refer to the Cisco IE Datasheet or Hardware Installation Guide to calculate switch operating temperature ranges when nonindustrial SFPs are deployed. Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
IE-2000-8TC-G-N	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 15.0(1)EY	IOS 15.0(1)EY
Network Device Notes for above line : • When using nonindustrial rated transceivers, the hardened platform operating temperature range is de-rated. Please refer to the Cisco IE Datasheet or Hardware Installation Guide to calculate switch operating temperature ranges when nonindustrial SFPs are deployed. Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
IE-2000-16TC-G-L	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 15.0(1)EY	IOS 15.0(1)EY
Network Device Notes for above line : • When using nonindustrial rated transceivers, the hardened platform operating temperature range is de-rated. Please refer to the Cisco IE Datasheet or Hardware Installation Guide to calculate switch operating temperature ranges when nonindustrial SFPs are deployed. Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
IE-2000-16TC-G-E	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 15.0(1)EY	IOS 15.0(1)EY
Network Device Notes for above line : • When using nonindustrial rated transceivers, the hardened platform operating temperature range is de-rated. Please refer to the Cisco IE Datasheet or Hardware Installation Guide to calculate switch operating temperature ranges when nonindustrial SFPs are deployed. Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
IE-2000-16TC-G-X	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 15.0(1)EY	IOS 15.0(1)EY
Network Device Notes for above line : • When using nonindustrial rated transceivers, the hardened platform operating temperature range is de-rated. Please refer to the Cisco IE Datasheet or Hardware Installation Guide to calculate switch operating temperature ranges when nonindustrial SFPs are deployed. Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
IE-2000-16TC-G-N	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 15.0(1)EY	IOS 15.0(1)EY
Network Device Notes for above line : • When using nonindustrial rated transceivers, the hardened platform operating temperature range is de-rated. Please refer to the Cisco IE Datasheet or Hardware Installation Guide to calculate switch operating temperature ranges when nonindustrial SFPs are deployed. Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
IE-2000-16PTC-G-L	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 15.0(1)EY	IOS 15.0(1)EY
Network Device Notes for above line : • When using nonindustrial rated transceivers, the hardened platform operating temperature range is de-rated. Please refer to the Cisco IE Datasheet or Hardware Installation Guide to calculate switch operating temperature ranges when nonindustrial SFPs are deployed. Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
IE-2000-16PTC-G-E	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 15.0(1)EY	IOS 15.0(1)EY
Network Device Notes for above line : • When using nonindustrial rated transceivers, the hardened platform operating temperature range is de-rated. Please refer to the Cisco IE Datasheet or Hardware Installation Guide to calculate switch operating temperature ranges when nonindustrial SFPs are deployed. Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
IE-2000-16PTC-G-NX	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 15.0(1)EY	IOS 15.0(1)EY

Network Device Product ID	Transceiver Product ID	Transceiver Business Unit	Data Rate	Form Factor	Reach	Cable Type	Media	Connector Type	Transceiver Type	Case Temp	DOM Capable	Min Software Support	DOM Support
Network Device Notes for above line : • When using nonindustrial rated transceivers, the hardened platform operating temperature range is de-rated. Please refer to the Cisco IE Datasheet or Hardware Installation Guide to calculate switch operating temperature ranges when nonindustrial SFPs are deployed. Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
IE-2000U-4S-G	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 15.0(2)EK1	IOS 15.0(2)EK1
Network Device Notes for above line : • When using nonindustrial rated transceivers, the hardened platform operating temperature range is de-rated. Please refer to the Cisco IE Datasheet or Hardware Installation Guide to calculate switch operating temperature ranges when nonindustrial SFPs are deployed. Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
IE2000U-4TS-G	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 15.0(2)EH	IOS 15.0(2)EK1
Network Device Notes for above line : • When using nonindustrial rated transceivers, the hardened platform operating temperature range is de-rated. Please refer to the Cisco IE Datasheet or Hardware Installation Guide to calculate switch operating temperature ranges when nonindustrial SFPs are deployed. Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
IE2000U-8TC-G	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 15.0(2)EH	IOS 15.0(2)EK1
Network Device Notes for above line : • When using nonindustrial rated transceivers, the hardened platform operating temperature range is de-rated. Please refer to the Cisco IE Datasheet or Hardware Installation Guide to calculate switch operating temperature ranges when nonindustrial SFPs are deployed. Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
IE2000U-16TC-G	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 15.0(2)EH	IOS 15.0(2)EK1
Network Device Notes for above line : • When using nonindustrial rated transceivers, the hardened platform operating temperature range is de-rated. Please refer to the Cisco IE Datasheet or Hardware Installation Guide to calculate switch operating temperature ranges when nonindustrial SFPs are deployed. Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
IE2000U-16TC-G-X	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 15.0(2)EH	IOS 15.0(2)EK1
Network Device Notes for above line : • When using nonindustrial rated transceivers, the hardened platform operating temperature range is de-rated. Please refer to the Cisco IE Datasheet or Hardware Installation Guide to calculate switch operating temperature ranges when nonindustrial SFPs are deployed. Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
IE2000U-16TC-GP	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 15.0(2)EH	IOS 15.0(2)EK1
Network Device Notes for above line : • When using nonindustrial rated transceivers, the hardened platform operating temperature range is de-rated. Please refer to the Cisco IE Datasheet or Hardware Installation Guide to calculate switch operating temperature ranges when nonindustrial SFPs are deployed. Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													

RANTRAN

Network Device Product ID	Transceiver Product ID	Transceiver Business Unit	Data Rate	Form Factor	Reach	Cable Type	Media	Connector Type	Transceiver Type	Case Temp	DOM Capable	Min Software Support	DOM Support
MWR-2941-DC	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 12.4(19)MR1	IOS 12.4(19)MR1
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													

C8100

Network Device Product ID	Transceiver Product ID	Transceiver Business Unit	Data Rate	Form Factor	Reach	Cable Type	Media	Connector Type	Transceiver Type	Case Temp	DOM Capable	Min Software Support	DOM Support
C8130-G2	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XE 17.18.1	IOS XE 17.18.1
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
C8140-G2	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XE 17.18.1	IOS XE 17.18.1
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
C8151-G2	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XE 17.18.1	IOS XE 17.18.1
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
C8161-G2	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XE 17.18.1	IOS XE 17.18.1
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													

8000 Series

Network Device Product ID	Transceiver Product ID	Transceiver Business Unit	Data Rate	Form Factor	Reach	Cable Type	Media	Connector Type	Transceiver Type	Case Temp	DOM Capable	Min Software Support	DOM Support
8712-MOD-M	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XR 24.4.1	IOS XR 24.4.1
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													

C2360

Network Device Product ID	Transceiver Product ID	Transceiver Business Unit	Data Rate	Form Factor	Reach	Cable Type	Media	Connector Type	Transceiver Type	Case Temp	DOM Capable	Min Software Support	DOM Support
2360-48TD-S	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 12.2(53)EY	—
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													

CBS250 Series

Network Device Product ID	Transceiver Product ID	Transceiver Business Unit	Data Rate	Form Factor	Reach	Cable Type	Media	Connector Type	Transceiver Type	Case Temp	DOM Capable	Min Software Support	DOM Support
CBS250	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	3.0.0.61	3.0.0.61
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													

ASAHIGH

Network Device Product ID	Transceiver Product ID	Transceiver Business Unit	Data Rate	Form Factor	Reach	Cable Type	Media	Connector Type	Transceiver Type	Case Temp	DOM Capable	Min Software Support	DOM Support
ASA 5585-X	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	ASA 8.2.3	
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													

C9200L

Network Device Product ID	Transceiver Product ID	Transceiver Business Unit	Data Rate	Form Factor	Reach	Cable Type	Media	Connector Type	Transceiver Type	Case Temp	DOM Capable	Min Software Support	DOM Support
C9200L-24P-4X	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XE 16.9.2	IOS XE 16.9.2
Network Device Notes for above line : • On board - fixed uplinks Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
C9200L-24P-4G	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XE 16.9.2	IOS XE 16.9.2
Network Device Notes for above line : • On board - fixed uplinks Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
C9200L-48P-4X	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XE 16.9.2	IOS XE 16.9.2
Network Device Notes for above line : • On board - fixed uplinks Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
C9200L-48P-4G	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XE 16.9.2	IOS XE 16.9.2
Network Device Notes for above line : • On board - fixed uplinks Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
C9200L-24T-4X	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XE 16.9.2	IOS XE 16.9.2
Network Device Notes for above line : • On board - fixed uplinks Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
C9200L-24T-4G	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XE 16.9.2	IOS XE 16.9.2
Network Device Notes for above line : • On board - fixed uplinks Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
C9200L-48T-4X	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XE 16.9.2	IOS XE 16.9.2
Network Device Notes for above line : • On board - fixed uplinks Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
C9200L-48T-4G	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XE 16.9.2	IOS XE 16.9.2
Network Device Notes for above line : • On board - fixed uplinks Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
C9200L-24PXG-4X	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XE 16.11.1	IOS XE 16.11.1
Network Device Notes for above line : • On board - fixed uplinks Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
C9200L-48PXG-4X	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XE 16.11.1	IOS XE 16.11.1
Network Device Notes for above line : • On board - fixed uplinks Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
C9200L-24PXG-2Y	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XE 16.11.1	IOS XE 16.11.1
Network Device Notes for above line : • On board - fixed uplinks Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
C9200L-48PXG-2Y	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XE 16.11.1	IOS XE 16.11.1

Network Device Product ID	Transceiver Product ID	Transceiver Business Unit	Data Rate	Form Factor	Reach	Cable Type	Media	Connector Type	Transceiver Type	Case Temp	DOM Capable	Min Software Support	DOM Support
Network Device Notes for above line : • On board - fixed uplinks Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
C9200L-48PL-4X	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XE 17.3.1	IOS XE 17.3.1
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
C9200L-48PL-4G	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XE 17.3.1	IOS XE 17.3.1
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													

C4900

Network Device Product ID	Transceiver Product ID	Transceiver Business Unit	Data Rate	Form Factor	Reach	Cable Type	Media	Connector Type	Transceiver Type	Case Temp	DOM Capable	Min Software Support	DOM Support
WS-C4948E	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 12.2(54)SG	IOS 15.2(3)E2
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
WS-X4904-10GE	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 12.2(40)XO	IOS 15.2(3)E2
Network Device Notes for above line : • CVR-X2-SFP Twin Gig converter in a WS-C4900M Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
WS-X4904-10GE	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 12.2(44)XO	IOS 15.2(3)E2
Network Device Notes for above line : • CVR-X2-SFP Twin Gig converter in a WS-C4900M Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
WS-X4908-10GE	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 12.2(40)XO	IOS 15.2(3)E2
Network Device Notes for above line : • CVR-X2-SFP Twin Gig converter in a WS-C4900M Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
WS-X4908-10GE	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 12.2(44)XO	IOS 15.2(3)E2
Network Device Notes for above line : • CVR-X2-SFP Twin Gig converter in a WS-C4900M Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
WS-C4948E-F	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 12.2(54)SG	IOS 15.2(3)E2
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													

CBS220 Series

Network Device Product ID	Transceiver Product ID	Transceiver Business Unit	Data Rate	Form Factor	Reach	Cable Type	Media	Connector Type	Transceiver Type	Case Temp	DOM Capable	Min Software Support	DOM Support
CBS220	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	2.0.0.17	2.0.0.17
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													

C2960

Network Device Product ID	Transceiver Product ID	Transceiver Business Unit	Data Rate	Form Factor	Reach	Cable Type	Media	Connector Type	Transceiver Type	Case Temp	DOM Capable	Min Software Support	DOM Support
WS-C2960-24TC-L	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 12.2(25)FX	—
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
WS-C2960-48TC-L	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 12.2(25)FX	—
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
WS-C2960G-24TC-L	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 12.2(25)FX	—
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
WS-C2960-24TC-S	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 12.2(37)EY	—
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
WS-C2960-48TC-S	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 12.2(37)EY	—
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
WS-C2960-24LC-S	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 12.2(50)SE	—
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
WS-C2960-8TC-L	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 12.2(35)SE	—
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
WS-C2960G-8TC-L	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 12.2(35)SE	—
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
WS-C2960G-48TC-L	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 12.2(25)SEE	—
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
WS-C2960-24PC-L	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 12.2(44)SE	—
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
WS-C2960-8TC-S	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 12.2(46)SE	—
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
WS-C2960-48PST-L	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 12.2(46)SE	—
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
WS-C2960-48PST-S	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 12.2(50)SE	—
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
WS-C2960-24PC-S	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 12.2(50)SE	—
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													

CRS

Network Device Product ID	Transceiver Product ID	Transceiver Business Unit	Data Rate	Form Factor	Reach	Cable Type	Media	Connector Type	Transceiver Type	Case Temp	DOM Capable	Min Software Support	DOM Support
20-1GE-FLEX	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	CRS 3.8.1	
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													

7300

Network Device Product ID	Transceiver Product ID	Transceiver Business Unit	Data Rate	Form Factor	Reach	Cable Type	Media	Connector Type	Transceiver Type	Case Temp	DOM Capable	Min Software Support	DOM Support
CISCO7301	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 12.2(18)S1	—
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													

NCS520

Network Device Product ID	Transceiver Product ID	Transceiver Business Unit	Data Rate	Form Factor	Reach	Cable Type	Media	Connector Type	Transceiver Type	Case Temp	DOM Capable	Min Software Support	DOM Support
N520-4G4Z	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XE 16.8.1	IOS XE 16.8.1
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
N520-X-4G4Z	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XE 16.8.1	IOS XE 16.8.1
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
N520-20G4Z	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XE 16.8.1	IOS XE 16.8.1
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
N520-X-20G4Z	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XE 16.8.1	IOS XE 16.8.1
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													

C3650

Network Device Product ID	Transceiver Product ID	Transceiver Business Unit	Data Rate	Form Factor	Reach	Cable Type	Media	Connector Type	Transceiver Type	Case Temp	DOM Capable	Min Software Support	DOM Support
WS-C3650-24TS	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XE 3.3.0SE	
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
WS-C3650-24TS	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XE 16.1.1	IOS XE 16.1.1
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
WS-C3650-48TS	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XE 3.3.0SE	
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
WS-C3650-48TS	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XE 16.1.1	IOS XE 16.1.1
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
WS-C3650-24PS	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XE 3.3.0SE	
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													

Network Device Product ID	Transceiver Product ID	Transceiver Business Unit	Data Rate	Form Factor	Reach	Cable Type	Media	Connector Type	Transceiver Type	Case Temp	DOM Capable	Min Software Support	DOM Support
WS-C3650-24PS	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XE 16.1.1	IOS XE 16.1.1
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
WS-C3650-48PS	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XE 3.3.0SE	
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
WS-C3650-48PS	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XE 16.1.1	IOS XE 16.1.1
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
WS-C3650-48FS	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XE 3.3.0SE	
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
WS-C3650-24TD	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XE 3.3.0SE	
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
WS-C3650-24TD	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XE 16.1.1	IOS XE 16.1.1
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
WS-C3650-48TD	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XE 3.3.0SE	
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
WS-C3650-48TD	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XE 16.1.1	IOS XE 16.1.1
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
WS-C3650-24PD	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XE 3.3.0SE	
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
WS-C3650-24PD	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XE 16.1.1	IOS XE 16.1.1
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
WS-C3650-24PDM	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XE 16.2.1	IOS XE 16.2.1
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
WS-C3650-48PD	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XE 3.3.0SE	
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
WS-C3650-48PD	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XE 16.1.1	IOS XE 16.1.1
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
WS-C3650-48FD	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XE 3.3.0SE	
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
WS-C3650-48PQ	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XE 3.3.0SE	
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
WS-C3650-48PQ	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XE 16.1.1	IOS XE 16.1.1
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
WS-C3650-48TQ	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XE 3.3.0SE	
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
WS-C3650-48TQ	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XE 16.1.1	IOS XE 16.1.1
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
WS-C3650-8X24PD	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XE 16.2.1	IOS XE 16.2.1

Network Device Product ID	Transceiver Product ID	Transceiver Business Unit	Data Rate	Form Factor	Reach	Cable Type	Media	Connector Type	Transceiver Type	Case Temp	DOM Capable	Min Software Support	DOM Support
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
WS-C3650-8X24UQ	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XE 16.2.1	IOS XE 16.2.1
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
WS-C3650-12X48UQ	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XE 16.2.1	IOS XE 16.2.1
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
WS-C3650-12X48UR	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XE 16.2.1	IOS XE 16.2.1
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
WS-C3650-48FQM	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XE 16.2.1	IOS XE 16.2.1
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
WS-C3650-48FQ	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XE 3.3.0SE	
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													

C6800

Network Device Product ID	Transceiver Product ID	Transceiver Business Unit	Data Rate	Form Factor	Reach	Cable Type	Media	Connector Type	Transceiver Type	Case Temp	DOM Capable	Min Software Support	DOM Support
C6800-32P10G-XL	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 15.2(1)SY	IOS 15.2(1)SY
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
C6800-16P10G-XL	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 15.2(1)SY	IOS 15.2(1)SY
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
C6800-8P10G-XL	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 15.2(1)SY	IOS 15.2(1)SY
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
C6800-32P10G	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 15.2(1)SY	IOS 15.2(1)SY
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
C6800-16P10G	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 15.2(1)SY	IOS 15.2(1)SY
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
C6800-8P10G	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 15.2(1)SY	IOS 15.2(1)SY
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
C6800-SUP6T	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 15.3(1)SY	IOS 15.3(1)SY
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
C6800-SUP6T-XL	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 15.3(1)SY	—
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
C6800-SUP6T-XL	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 15.3(1)SY	IOS 15.3(1)SY
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
C6800-SUP6T-XL	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 15.2(1)SY	—

Network Device Product ID	Transceiver Product ID	Transceiver Business Unit	Data Rate	Form Factor	Reach	Cable Type	Media	Connector Type	Transceiver Type	Case Temp	DOM Capable	Min Software Support	DOM Support
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
C6824-X-LE-40G	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 15.2(2)SY	IOS 15.2(2)SY
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
C6840-X-LE-40G	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 15.2(2)SY	IOS 15.2(2)SY
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
C6880-X-LE-16P10G	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 15.1(2)SY1	IOS 15.1(2)SY1
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
C6880-X-16P10G	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 15.1(2)SY1	IOS 15.1(2)SY1
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
C6816-X-LE	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 15.2(2)SY	IOS 15.2(2)SY
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
C6832-X-LE	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 15.2(2)SY	IOS 15.2(2)SY
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
C6800IA-48FPD	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 15.1(2)SY2	IOS 15.1(2)SY2
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
C6800IA-48TD	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 15.1(2)SY2	IOS 15.1(2)SY2
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
C6800IA-48FPDR	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 15.1(2)SY3	IOS 15.1(2)SY3
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
C6880-X	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 15.1(2)SY1	IOS 15.1(2)SY1
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
C6800-48P-SFP	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 15.2(1)SY	—
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
C6800-48P-SFP-XL	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 15.2(1)SY	—
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
C6880-X-LE	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 15.1(2)SY1	IOS 15.1(2)SY1
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													

C4500

Network Device Product ID	Transceiver Product ID	Transceiver Business Unit	Data Rate	Form Factor	Reach	Cable Type	Media	Connector Type	Transceiver Type	Case Temp	DOM Capable	Min Software Support	DOM Support
WS-X4606-X2-E	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 12.2(40)SG	IOS 12.2(40)SG

Network Device Product ID	Transceiver Product ID	Transceiver Business Unit	Data Rate	Form Factor	Reach	Cable Type	Media	Connector Type	Transceiver Type	Case Temp	DOM Capable	Min Software Support	DOM Support
Network Device Notes for above line : • With CVR-X2-SFP Twin Gig converter Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
WS-X45-SUP9-E	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XE 3.10	IOS XE 3.10
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
WS-X4748-SFP-E	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 15.2(1)E	IOS 15.2(1)E
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
WS-X4724-SFP-E	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 15.2(1)E	IOS 15.2(1)E
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
WS-X4712-SFP-E	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 15.2(1)E	IOS 15.2(1)E
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
WS-X4640-CSFP-E	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 15.0(2)SG	IOS 15.0(2)SG
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
WS-X4624-SFP-E	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 12.2(44)SG	IOS 12.2(44)SG
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
WS-X4612-SFP-E	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 12.2(54)SG	IOS XE 3.7.2E
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
WS-X4013+TS	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 12.2(20)EWA	—
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
WS-X4013+10GE	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 12.2(25)SG	—
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
WS-X4448-GB-SFP	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 12.2(20)EW	—
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
WS-X4506-GB-T	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 12.2(20)EWA	—
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
WS-X4516-10GE	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 12.2(25)EWA	—
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
WS-X45-SUP6-E	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 12.2(40)SG	—
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
WS-X45-SUP6L-E	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 12.2(52)SG	—
Network Device Notes for above line : • With CVR-X2-SFP Twin Gig converter Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
WS-X4712-SFP+E	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 3.1.0SG	IOS 3.7.2E
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
WS-X45-SUP7-E	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 3.1.0SG	IOS 3.7.2E

Network Device Product ID	Transceiver Product ID	Transceiver Business Unit	Data Rate	Form Factor	Reach	Cable Type	Media	Connector Type	Transceiver Type	Case Temp	DOM Capable	Min Software Support	DOM Support
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
WS-X45-SUP7L-E	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 3.2.0XO	IOS 3.7.2E
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
WS-X45-SUP8-E	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 3.3.0XO	IOS 3.7.2E
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
WS-X45-SUP8L-E	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 3.8.1E	IOS 3.8.1E
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													

FPRMID3

Network Device Product ID	Transceiver Product ID	Transceiver Business Unit	Data Rate	Form Factor	Reach	Cable Type	Media	Connector Type	Transceiver Type	Case Temp	DOM Capable	Min Software Support	DOM Support
FPR4K-XNM-8X25G	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	Please refer to Firepower product datasheets, installation guides, and release notes for software configurations.	
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
FPR3K-XNM-8X25G	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	Please refer to Firepower product datasheets, installation guides, and release notes for software configurations.	
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
FPR3K-XNM-8X10G	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	FTD 7.3	—
Network Device Notes for above line : • In conjunction with FPR3105 Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
FPR3K-XNM-8X10G	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	ASA 9.20	—
Network Device Notes for above line : • In conjunction with FPR3105 Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
FPR3K-XNM-8X10G	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	FTD 7.1	—
Network Device Notes for above line : • In conjunction with FPR3110/3120/3130/3140 Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
FPR3K-XNM-8X10G	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	ASA 9.17	—
Network Device Notes for above line : • In conjunction with FPR3110/3120/3130/3140 Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
FPR3105-ASA-K9	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	ASA 9.20	—
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													

Network Device Product ID	Transceiver Product ID	Transceiver Business Unit	Data Rate	Form Factor	Reach	Cable Type	Media	Connector Type	Transceiver Type	Case Temp	DOM Capable	Min Software Support	DOM Support
FPR3105-NGFW-K9	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	FTD 7.3	—
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
FPR3110-NGFW-K9	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	FTD 7.1	—
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
FPR3110-ASA-K9	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	ASA 9.17	—
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
FPR3120-NGFW-K9	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	FTD 7.1	—
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
FPR3120-ASA-K9	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	ASA 9.17	—
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
FPR3130-NGFW-K9	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	FTD 7.1	—
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
FPR3130-ASA-K9	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	ASA 9.17	—
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
FPR3140-NGFW-K9	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	FTD 7.1	—
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
FPR3140-ASA-K9	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	ASA 9.17	—
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													

IE3200

Network Device Product ID	Transceiver Product ID	Transceiver Business Unit	Data Rate	Form Factor	Reach	Cable Type	Media	Connector Type	Transceiver Type	Case Temp	DOM Capable	Min Software Support	DOM Support
IE-3200-8P2S-E	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	Please see datasheet and release notes for minimum software release information .	
Network Device Notes for above line : • When using nonindustrial rated transceivers, the hardened platform operating temperature range is de-rated. Please refer to the Cisco IE Datasheet or Hardware Installation Guide to calculate switch operating temperature ranges when nonindustrial SFPs are deployed. Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
IE-3200-8T2S-E	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	Please see datasheet and release notes for minimum software release information .	
Network Device Notes for above line : • When using nonindustrial rated transceivers, the hardened platform operating temperature range is de-rated. Please refer to the Cisco IE Datasheet or Hardware Installation Guide to calculate switch operating temperature ranges when nonindustrial SFPs are deployed. Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													

CBS350 Series

Network Device Product ID	Transceiver Product ID	Transceiver Business Unit	Data Rate	Form Factor	Reach	Cable Type	Media	Connector Type	Transceiver Type	Case Temp	DOM Capable	Min Software Support	DOM Support
CBS350	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	3.0.0.61	3.0.0.61
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													

AIRCT12

Network Device Product ID	Transceiver Product ID	Transceiver Business Unit	Data Rate	Form Factor	Reach	Cable Type	Media	Connector Type	Transceiver Type	Case Temp	DOM Capable	Min Software Support	DOM Support
AIR-CT5520	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	8.1	
Network Device Notes for above line : • Needs GLC-T on Port 1 Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													

IE9300

Network Device Product ID	Transceiver Product ID	Transceiver Business Unit	Data Rate	Form Factor	Reach	Cable Type	Media	Connector Type	Transceiver Type	Case Temp	DOM Capable	Min Software Support	DOM Support
IE-9310-26S2C-A	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	Please see datasheet and release notes for minimum software release information .	
Network Device Notes for above line : • 1G uplink SFP fiber ports support 1Gb/s data rate only. When using nonindustrial rated transceivers, the hardened platform operating temperature range is de-rated. Please refer to the Cisco IE Datasheet or Hardware Installation Guide to calculate switch operating temperature ranges when nonindustrial SFPs are deployed. Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
IE-9320-26S2C-A	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	Please see datasheet and release notes for minimum software release information .	
Network Device Notes for above line : • 1G uplink SFP fiber ports support 100Mb/s and 1Gb/s data rates. When using nonindustrial rated transceivers, the hardened platform operating temperature range is de-rated. Please refer to the Cisco IE Datasheet or Hardware Installation Guide to calculate switch operating temperature ranges when nonindustrial SFPs are deployed. Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
IE-9310-26S2C-E	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	Please see datasheet and release notes for minimum software release information .	
Network Device Notes for above line : • 1G uplink SFP fiber ports support 1Gb/s data rate only. When using nonindustrial rated transceivers, the hardened platform operating temperature range is de-rated. Please refer to the Cisco IE Datasheet or Hardware Installation Guide to calculate switch operating temperature ranges when nonindustrial SFPs are deployed. Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
IE-9320-26S2C-E	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	Please see datasheet and release notes for minimum software release information .	

Network Device Product ID	Transceiver Product ID	Transceiver Business Unit	Data Rate	Form Factor	Reach	Cable Type	Media	Connector Type	Transceiver Type	Case Temp	DOM Capable	Min Software Support	DOM Support
Network Device Notes for above line : • 1G uplink SFP fiber ports support 100Mb/s and 1Gb/s data rates. When using nonindustrial rated transceivers, the hardened platform operating temperature range is de-rated. Please refer to the Cisco IE Datasheet or Hardware Installation Guide to calculate switch operating temperature ranges when nonindustrial SFPs are deployed. Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
IE-9320-24P4S-E	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	Please see datasheet and release notes for minimum software release information .	
Network Device Notes for above line : • 1G uplink SFP fiber ports support 1Gb/s data rate only. When using nonindustrial rated transceivers, the hardened platform operating temperature range is de-rated. Please refer to the Cisco IE Datasheet or Hardware Installation Guide to calculate switch operating temperature ranges when nonindustrial SFPs are deployed. Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
IE-9320-24P4S-A	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	Please see datasheet and release notes for minimum software release information .	
Network Device Notes for above line : • 1G uplink SFP fiber ports support 1Gb/s data rate only. When using nonindustrial rated transceivers, the hardened platform operating temperature range is de-rated. Please refer to the Cisco IE Datasheet or Hardware Installation Guide to calculate switch operating temperature ranges when nonindustrial SFPs are deployed. Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
IE-9320-22S2C4X-E	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	Please see datasheet and release notes for minimum software release information .	
Network Device Notes for above line : • 10G uplink SFP+ fiber ports support 1Gb/s and 10Gb/s data rates. When using nonindustrial rated transceivers, the hardened platform operating temperature range is de-rated. Please refer to the Cisco IE Datasheet or Hardware Installation Guide to calculate switch operating temperature ranges when nonindustrial SFPs are deployed. Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
IE-9320-22S2C4X-A	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	Please see datasheet and release notes for minimum software release information .	
Network Device Notes for above line : • 10G uplink SFP+ fiber ports support 1Gb/s and 10Gb/s data rates. When using nonindustrial rated transceivers, the hardened platform operating temperature range is de-rated. Please refer to the Cisco IE Datasheet or Hardware Installation Guide to calculate switch operating temperature ranges when nonindustrial SFPs are deployed. Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
IE-9320-24T4X-E	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	Please see datasheet and release notes for minimum software release information .	
Network Device Notes for above line : • 10G uplink SFP+ fiber ports support 1Gb/s and 10Gb/s data rates. When using nonindustrial rated transceivers, the hardened platform operating temperature range is de-rated. Please refer to the Cisco IE Datasheet or Hardware Installation Guide to calculate switch operating temperature ranges when nonindustrial SFPs are deployed. Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
IE-9320-24T4X-A	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	Please see datasheet and release notes for minimum software release information .	

Network Device Product ID	Transceiver Product ID	Transceiver Business Unit	Data Rate	Form Factor	Reach	Cable Type	Media	Connector Type	Transceiver Type	Case Temp	DOM Capable	Min Software Support	DOM Support
Network Device Notes for above line : • 10G uplink SFP+ fiber ports support 1Gb/s and 10Gb/s data rates. When using nonindustrial rated transceivers, the hardened platform operating temperature range is de-rated. Please refer to the Cisco IE Datasheet or Hardware Installation Guide to calculate switch operating temperature ranges when nonindustrial SFPs are deployed. Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
IE-9320-24P4X-E	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	Please see datasheet and release notes for minimum software release information .	
Network Device Notes for above line : • 10G uplink SFP+ fiber ports support 1Gb/s and 10Gb/s data rates. When using nonindustrial rated transceivers, the hardened platform operating temperature range is de-rated. Please refer to the Cisco IE Datasheet or Hardware Installation Guide to calculate switch operating temperature ranges when nonindustrial SFPs are deployed. Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
IE-9320-24P4X-A	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	Please see datasheet and release notes for minimum software release information .	
Network Device Notes for above line : • 10G uplink SFP+ fiber ports support 1Gb/s and 10Gb/s data rates. When using nonindustrial rated transceivers, the hardened platform operating temperature range is de-rated. Please refer to the Cisco IE Datasheet or Hardware Installation Guide to calculate switch operating temperature ranges when nonindustrial SFPs are deployed. Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
IE-9320-16P8U4X-E	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	Please see datasheet and release notes for minimum software release information .	
Network Device Notes for above line : • 10G uplink SFP+ fiber ports support 1Gb/s and 10Gb/s data rates. When using nonindustrial rated transceivers, the hardened platform operating temperature range is de-rated. Please refer to the Cisco IE Datasheet or Hardware Installation Guide to calculate switch operating temperature ranges when nonindustrial SFPs are deployed. Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
IE-9320-16P8U4X-A	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	Please see datasheet and release notes for minimum software release information .	
Network Device Notes for above line : • 10G uplink SFP+ fiber ports support 1Gb/s and 10Gb/s data rates. When using nonindustrial rated transceivers, the hardened platform operating temperature range is de-rated. Please refer to the Cisco IE Datasheet or Hardware Installation Guide to calculate switch operating temperature ranges when nonindustrial SFPs are deployed. Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													

C9400

Network Device Product ID	Transceiver Product ID	Transceiver Business Unit	Data Rate	Form Factor	Reach	Cable Type	Media	Connector Type	Transceiver Type	Case Temp	DOM Capable	Min Software Support	DOM Support
C9400-SUP-1	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XE 16.6.1	IOS XE 16.6.1
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
C9400-SUP-1XL	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XE 16.6.2	IOS XE 16.6.2
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
C9400-LC-24XS	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XE 16.6.2	IOS XE 16.6.2
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													

Network Device Product ID	Transceiver Product ID	Transceiver Business Unit	Data Rate	Form Factor	Reach	Cable Type	Media	Connector Type	Transceiver Type	Case Temp	DOM Capable	Min Software Support	DOM Support
C9400-LC-24S	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XE 16.8.1	IOS XE 16.8.1
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
C9400-LC-48S	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XE 16.8.1	IOS XE 16.8.1
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
C9400-SUP-1XL-Y	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XE 16.9.1	IOS XE 16.9.1
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
C9400-LC-48XS	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XE 17.8.1	IOS XE 17.8.1
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
C9400-LC-24XY	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XE 17.12.1	IOS XE 17.12.1
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													

ME3800X

Network Device Product ID	Transceiver Product ID	Transceiver Business Unit	Data Rate	Form Factor	Reach	Cable Type	Media	Connector Type	Transceiver Type	Case Temp	DOM Capable	Min Software Support	DOM Support
ME-3800X-24FS-M	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 12.2(52)EY	IOS 12.2(52)EY
Network Device Notes for above line : • SFP+ ports													
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
ME-3800X-24FS-M	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 12.2(52)EY	IOS 12.2(52)EY
Network Device Notes for above line : • SFP+ ports													
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													

ME3750

Network Device Product ID	Transceiver Product ID	Transceiver Business Unit	Data Rate	Form Factor	Reach	Cable Type	Media	Connector Type	Transceiver Type	Case Temp	DOM Capable	Min Software Support	DOM Support
ME-C3750-24TE-M	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 12.2(52)SE	IOS 12.2(52)SE
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													

ASAMID

Network Device Product ID	Transceiver Product ID	Transceiver Business Unit	Data Rate	Form Factor	Reach	Cable Type	Media	Connector Type	Transceiver Type	Case Temp	DOM Capable	Min Software Support	DOM Support
SSM-4GE	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	ASA 7.0	—
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													

Network Device Product ID	Transceiver Product ID	Transceiver Business Unit	Data Rate	Form Factor	Reach	Cable Type	Media	Connector Type	Transceiver Type	Case Temp	DOM Capable	Min Software Support	DOM Support
ASA-IC-6GE-SFP-B	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	Please refer to Firepower product datasheets and release notes for software configurations.	
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													

C2960X

Network Device Product ID	Transceiver Product ID	Transceiver Business Unit	Data Rate	Form Factor	Reach	Cable Type	Media	Connector Type	Transceiver Type	Case Temp	DOM Capable	Min Software Support	DOM Support
WS-C2960X-24TS-LL	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 15.0(2)EX	IOS 15.0(2)EX
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
WS-C2960X-48TS-LL	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 15.0(2)EX	IOS 15.0(2)EX
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
WS-C2960X-24PS-L	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 15.0(2)EX	IOS 15.0(2)EX
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
WS-C2960X-24TS-L	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 15.0(2)EX	IOS 15.0(2)EX
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
WS-C2960X-48TS-L	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 15.0(2)EX	IOS 15.0(2)EX
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
WS-C2960X-48LPS-L	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 15.0(2)EX	IOS 15.0(2)EX
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
WS-C2960X-48FPS-L	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 15.0(2)EX	IOS 15.0(2)EX
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
WS-C2960X-24TD-L	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 15.0(2)EX	IOS 15.0(2)EX
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
WS-C2960X-24PD-L	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 15.0(2)EX	IOS 15.0(2)EX
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
WS-C2960X-48TD-L	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 15.0(2)EX	IOS 15.0(2)EX
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
WS-C2960X-48LPD-L	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 15.0(2)EX	IOS 15.0(2)EX
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
WS-C2960X-48FPD-L	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 15.0(2)EX	IOS 15.0(2)EX
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													

Network Device Product ID	Transceiver Product ID	Transceiver Business Unit	Data Rate	Form Factor	Reach	Cable Type	Media	Connector Type	Transceiver Type	Case Temp	DOM Capable	Min Software Support	DOM Support
WS-C2960X-24PSQ-L	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 15.0(2)EX	IOS 15.0(2)EX
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													

C2970

Network Device Product ID	Transceiver Product ID	Transceiver Business Unit	Data Rate	Form Factor	Reach	Cable Type	Media	Connector Type	Transceiver Type	Case Temp	DOM Capable	Min Software Support	DOM Support
WS-C2970G-24TS-E	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 12.1(14)EA1	—
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													

OS

Network Device Product ID	Transceiver Product ID	Transceiver Business Unit	Data Rate	Form Factor	Reach	Cable Type	Media	Connector Type	Transceiver Type	Case Temp	DOM Capable	Min Software Support	DOM Support
WS-CBS3020-HPQ	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 12.2(35)SE	—
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
WS-CBS3030-DEL	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 12.2(35)SE	—
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
WS-CBS3040-FSC	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 12.2(35)SE	—
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
WS-CBS-3120G-S	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 12.2(40)EX1	—
Network Device Notes for above line : • With CVR-X2-SFP Twin Gig converter Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
WS-CBS-3130G-S	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 12.2(40)EX1	—
Network Device Notes for above line : • With CVR-X2-SFP Twin Gig converter Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
WS-CBS3032-DEL	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 12.2(40)EX1	—
Network Device Notes for above line : • With CVR-X2-SFP Twin Gig converter Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
WS-CBS3110X-S	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 12.2(52)SE	—
Network Device Notes for above line : • With CVR-X2-SFP Twin Gig converter Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													

C3560X

Network Device Product ID	Transceiver Product ID	Transceiver Business Unit	Data Rate	Form Factor	Reach	Cable Type	Media	Connector Type	Transceiver Type	Case Temp	DOM Capable	Min Software Support	DOM Support
WS-C3560X-24T	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 12.2(53)SE	IOS 12.2(53)SE
Network Device Notes for above line : • With network modules C3KX-NM-1G and C3KX-NM-10G (Slots 1, 2, 3, and 4 with 1-Gigabit SFP modules; Slots 1 and 2 with 1-Gigabit SFP modules and Slot 4 with one 10-Gigabit SFP+ module; Slot 2 with one 10-Gigabit SFP+ module and Slots 3 and 4 with 1-Gigabit SFP modules; Slot 2 and Slot 4 each with 10-Gigabit SFP+ modules) Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
WS-C3560X-48T	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 12.2(53)SE	IOS 12.2(53)SE
Network Device Notes for above line : • With network modules C3KX-NM-1G and C3KX-NM-10G (Slots 1, 2, 3, and 4 with 1-Gigabit SFP modules; Slots 1 and 2 with 1-Gigabit SFP modules and Slot 4 with one 10-Gigabit SFP+ module; Slot 2 with one 10-Gigabit SFP+ module and Slots 3 and 4 with 1-Gigabit SFP modules; Slot 2 and Slot 4 each with 10-Gigabit SFP+ modules) Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
WS-C3560X-24P	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 12.2(53)SE	IOS 12.2(53)SE
Network Device Notes for above line : • With network modules C3KX-NM-1G and C3KX-NM-10G (Slots 1, 2, 3, and 4 with 1-Gigabit SFP modules; Slots 1 and 2 with 1-Gigabit SFP modules and Slot 4 with one 10-Gigabit SFP+ module; Slot 2 with one 10-Gigabit SFP+ module and Slots 3 and 4 with 1-Gigabit SFP modules; Slot 2 and Slot 4 each with 10-Gigabit SFP+ modules) Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
WS-C3560X-48P	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 12.2(53)SE	IOS 12.2(53)SE
Network Device Notes for above line : • With network modules C3KX-NM-1G and C3KX-NM-10G (Slots 1, 2, 3, and 4 with 1-Gigabit SFP modules; Slots 1 and 2 with 1-Gigabit SFP modules and Slot 4 with one 10-Gigabit SFP+ module; Slot 2 with one 10-Gigabit SFP+ module and Slots 3 and 4 with 1-Gigabit SFP modules; Slot 2 and Slot 4 each with 10-Gigabit SFP+ modules) Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
WS-C3560X-48PF	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 15.2(7)E1	IOS 15.2(7)E1
Network Device Notes for above line : • With network modules C3KX-NM-1G and C3KX-NM-10G (Slots 1, 2, 3, and 4 with 1-Gigabit SFP modules; Slots 1 and 2 with 1-Gigabit SFP modules and Slot 4 with one 10-Gigabit SFP+ module; Slot 2 with one 10-Gigabit SFP+ module and Slots 3 and 4 with 1-Gigabit SFP modules; Slot 2 and Slot 4 each with 10-Gigabit SFP+ modules) Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													

C1000

Network Device Product ID	Transceiver Product ID	Transceiver Business Unit	Data Rate	Form Factor	Reach	Cable Type	Media	Connector Type	Transceiver Type	Case Temp	DOM Capable	Min Software Support	DOM Support
C1000-24T-4X-L	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 15.2(7)E1	IOS 15.2(7)E1
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
C1000-8T-2G-L	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 15.2(7)E1	IOS 15.2(7)E1
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
C1000-8P-2G-L	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 15.2(7)E1	IOS 15.2(7)E1
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
C1000-8FP-2G-L	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 15.2(7)E1	IOS 15.2(7)E1
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
C1000-16T-2G-L	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 15.2(7)E1	IOS 15.2(7)E1
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													

Network Device Product ID	Transceiver Product ID	Transceiver Business Unit	Data Rate	Form Factor	Reach	Cable Type	Media	Connector Type	Transceiver Type	Case Temp	DOM Capable	Min Software Support	DOM Support
C1000-16P-2G-L	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 15.2(7)E1	IOS 15.2(7)E1
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
C1000-16FP-2G-L	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 15.2(7)E1	IOS 15.2(7)E1
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
C1000-24T-4G-L	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 15.2(7)E1	IOS 15.2(7)E1
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
C1000-24P-4G-L	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 15.2(7)E1	IOS 15.2(7)E1
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
C1000-24FP-4G-L	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 15.2(7)E1	IOS 15.2(7)E1
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
C1000-48T-4G-L	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 15.2(7)E1	IOS 15.2(7)E1
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
C1000-48P-4G-L	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 15.2(7)E1	IOS 15.2(7)E1
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
C1000-48FP-4G-L	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 15.2(7)E1	IOS 15.2(7)E1
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
C1000-24P-4X-L	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 15.2(7)E1	IOS 15.2(7)E1
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
C1000-24FP-4X-L	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 15.2(7)E1	IOS 15.2(7)E1
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
C1000-48T-4X-L	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 15.2(7)E1	IOS 15.2(7)E1
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
C1000-48P-4X-L	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 15.2(7)E1	IOS 15.2(7)E1
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
C1000-48FP-4X-L	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 15.2(7)E1	IOS 15.2(7)E1
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
C1000-8T-E-2G-L	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 15.2(7)E1	IOS 15.2(7)E1
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
C1000-8P-E-2G-L	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 15.2(7)E1	IOS 15.2(7)E1
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
C1000-8FP-E-2G-L	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 15.2(7)E1	IOS 15.2(7)E1
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													

Network Device Product ID	Transceiver Product ID	Transceiver Business Unit	Data Rate	Form Factor	Reach	Cable Type	Media	Connector Type	Transceiver Type	Case Temp	DOM Capable	Min Software Support	DOM Support
C1000-16T-E-2G-L	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 15.2(7)E1	IOS 15.2(7)E1
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
C1000-16P-E-2G-L	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 15.2(7)E1	IOS 15.2(7)E1
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
C1000FE-24T-4G-L	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 15.2(7)E1	IOS 15.2(7)E1
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
C1000FE-24P-4G-L	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 15.2(7)E1	IOS 15.2(7)E1
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
C1000FE-48T-4G-L	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 15.2(7)E1	IOS 15.2(7)E1
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
C1000FE-48P-4G-L	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 15.2(7)E1	IOS 15.2(7)E1
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													

IR1100

Network Device Product ID	Transceiver Product ID	Transceiver Business Unit	Data Rate	Form Factor	Reach	Cable Type	Media	Connector Type	Transceiver Type	Case Temp	DOM Capable	Min Software Support	DOM Support
IR1101-K9	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XE 16.11.1	IOS XE 16.11.1
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
IR1101-A-K9	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XE 16.11.1	IOS XE 16.11.1
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
IRM-1100-SP	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XE 17.7.1	IOS XE 17.7.1
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
IRM-1100-SPMI	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XE 17.7.1	IOS XE 17.7.1
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													

GSR

Network Device Product ID	Transceiver Product ID	Transceiver Business Unit	Data Rate	Form Factor	Reach	Cable Type	Media	Connector Type	Transceiver Type	Case Temp	DOM Capable	Min Software Support	DOM Support
4GE-SFP-LC	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 12.0(32)S	
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													

C9800

Network Device Product ID	Transceiver Product ID	Transceiver Business Unit	Data Rate	Form Factor	Reach	Cable Type	Media	Connector Type	Transceiver Type	Case Temp	DOM Capable	Min Software Support	DOM Support
C9800-40-K9	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	Please see release notes for minimum software release information .	
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
C9800-L-F-K9	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	Please see release notes for minimum software release information .	
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
C9800-80-K9	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	Please see release notes for minimum software release information .	
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
C9800-18X1GE	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	Please see release notes for minimum software release information .	
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
C9800-L-C-K9	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	Please see release notes for minimum software release information .	
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
CW9800M	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	Please see release notes for minimum software release information .	
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
CW9800H1	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	Please see release notes for minimum software release information .	
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
CW9800H2	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	Please see release notes for minimum software release information .	
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													

C3750X

Network Device Product ID	Transceiver Product ID	Transceiver Business Unit	Data Rate	Form Factor	Reach	Cable Type	Media	Connector Type	Transceiver Type	Case Temp	DOM Capable	Min Software Support	DOM Support
WS-C3750X-24T	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or	Optic	-5 to	Y	IOS	IOS

Network Device Product ID	Transceiver Product ID	Transceiver Business Unit	Data Rate	Form Factor	Reach	Cable Type	Media	Connector Type	Transceiver Type	Case Temp	DOM Capable	Min Software Support	DOM Support
								UPC)		85C		12.2(53)SE	12.2(53)SE
Network Device Notes for above line : • With network modules C3KX-NM-1G and C3KX-NM-10G (Slots 1, 2, 3, and 4 with 1-Gigabit SFP modules; Slots 1 and 2 with 1-Gigabit SFP modules and Slot 4 with one 10-Gigabit SFP+ module; Slot 2 with one 10-Gigabit SFP+ module and Slots 3 and 4 with 1-Gigabit SFP modules; Slot 2 and Slot 4 each with 10-Gigabit SFP+ modules) Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
WS-C3750X-48T	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 12.2(53)SE	IOS 12.2(53)SE
Network Device Notes for above line : • With network modules C3KX-NM-1G and C3KX-NM-10G (Slots 1, 2, 3, and 4 with 1-Gigabit SFP modules; Slots 1 and 2 with 1-Gigabit SFP modules and Slot 4 with one 10-Gigabit SFP+ module; Slot 2 with one 10-Gigabit SFP+ module and Slots 3 and 4 with 1-Gigabit SFP modules; Slot 2 and Slot 4 each with 10-Gigabit SFP+ modules) Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
WS-C3750X-24P	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 12.2(53)SE	IOS 12.2(53)SE
Network Device Notes for above line : • With network modules C3KX-NM-1G and C3KX-NM-10G (Slots 1, 2, 3, and 4 with 1-Gigabit SFP modules; Slots 1 and 2 with 1-Gigabit SFP modules and Slot 4 with one 10-Gigabit SFP+ module; Slot 2 with one 10-Gigabit SFP+ module and Slots 3 and 4 with 1-Gigabit SFP modules; Slot 2 and Slot 4 each with 10-Gigabit SFP+ modules) Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
WS-C3750X-48P	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 12.2(53)SE	IOS 12.2(53)SE
Network Device Notes for above line : • With network modules C3KX-NM-1G and C3KX-NM-10G (Slots 1, 2, 3, and 4 with 1-Gigabit SFP modules; Slots 1 and 2 with 1-Gigabit SFP modules and Slot 4 with one 10-Gigabit SFP+ module; Slot 2 with one 10-Gigabit SFP+ module and Slots 3 and 4 with 1-Gigabit SFP modules; Slot 2 and Slot 4 each with 10-Gigabit SFP+ modules) Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
WS-C3750X-48PF	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 12.2(53)SE	IOS 12.2(53)SE
Network Device Notes for above line : • With network modules C3KX-NM-1G and C3KX-NM-10G (Slots 1, 2, 3, and 4 with 1-Gigabit SFP modules; Slots 1 and 2 with 1-Gigabit SFP modules and Slot 4 with one 10-Gigabit SFP+ module; Slot 2 with one 10-Gigabit SFP+ module and Slots 3 and 4 with 1-Gigabit SFP modules; Slot 2 and Slot 4 each with 10-Gigabit SFP+ modules) Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													

N6000

Network Device Product ID	Transceiver Product ID	Transceiver Business Unit	Data Rate	Form Factor	Reach	Cable Type	Media	Connector Type	Transceiver Type	Case Temp	DOM Capable	Min Software Support	DOM Support
N6K-C6004-M12Q	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	NX-OS 6.0(2)N2(2)	NX-OS 6.0(2)N1(2)
Network Device Notes for above line : • QSFP Ports: QSA (CVR-QSFP-SFP10G) required. Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
N6004-B-24Q	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	NX-OS 6.0(2)N2(2)	NX-OS 6.0(2)N1(2)
Network Device Notes for above line : • QSFP Ports: QSA (CVR-QSFP-SFP10G) required. Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
N6K-C6001-64P	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	NX-OS 6.0(2)N1(2)	
Network Device Notes for above line : • For QSFP Ports: QSA (CVR-QSFP-SFP10G) required. Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
N6K-C6001-64T	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	NX-OS 6.0(2)N2(1)	
Network Device Notes for above line : • For QSFP Ports: QSA (CVR-QSFP-SFP10G) required. Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													

Network Device Product ID	Transceiver Product ID	Transceiver Business Unit	Data Rate	Form Factor	Reach	Cable Type	Media	Connector Type	Transceiver Type	Case Temp	DOM Capable	Min Software Support	DOM Support
N6004X-M20UP	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	NX-OS 7.0(1)N1(1)	
Network Device Notes for above line : • QSFP Ports: QSA (CVR-QSFP-SFP10G) required. Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													

IE4000

Network Device Product ID	Transceiver Product ID	Transceiver Business Unit	Data Rate	Form Factor	Reach	Cable Type	Media	Connector Type	Transceiver Type	Case Temp	DOM Capable	Min Software Support	DOM Support
IE-4000-4TC4G-E	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 15.2(2)EA	IOS 15.2(2)EA
Network Device Notes for above line : • When using nonindustrial rated transceivers, the hardened platform operating temperature range is de-rated. Please refer to the Cisco IE Datasheet or Hardware Installation Guide to calculate switch operating temperature ranges when nonindustrial SFPs are deployed. Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
IE-4000-8T4G-E	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 15.2(2)EA	IOS 15.2(2)EA
Network Device Notes for above line : • When using nonindustrial rated transceivers, the hardened platform operating temperature range is de-rated. Please refer to the Cisco IE Datasheet or Hardware Installation Guide to calculate switch operating temperature ranges when nonindustrial SFPs are deployed. Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
IE-4000-8S4G-E	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 15.2(2)EA	IOS 15.2(2)EA
Network Device Notes for above line : • When using nonindustrial rated transceivers, the hardened platform operating temperature range is de-rated. Please refer to the Cisco IE Datasheet or Hardware Installation Guide to calculate switch operating temperature ranges when nonindustrial SFPs are deployed. Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
IE-4000-4T4P4G-E	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 15.2(2)EA	IOS 15.2(2)EA
Network Device Notes for above line : • When using nonindustrial rated transceivers, the hardened platform operating temperature range is de-rated. Please refer to the Cisco IE Datasheet or Hardware Installation Guide to calculate switch operating temperature ranges when nonindustrial SFPs are deployed. Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
IE-4000-16T4G-E	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 15.2(2)EA	IOS 15.2(2)EA
Network Device Notes for above line : • When using nonindustrial rated transceivers, the hardened platform operating temperature range is de-rated. Please refer to the Cisco IE Datasheet or Hardware Installation Guide to calculate switch operating temperature ranges when nonindustrial SFPs are deployed. Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
IE-4000-4S8P4G-E	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 15.2(2)EA	IOS 15.2(2)EA
Network Device Notes for above line : • When using nonindustrial rated transceivers, the hardened platform operating temperature range is de-rated. Please refer to the Cisco IE Datasheet or Hardware Installation Guide to calculate switch operating temperature ranges when nonindustrial SFPs are deployed. Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
IE-4000-8GT4G-E	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 15.2(2)EA	IOS 15.2(2)EA
Network Device Notes for above line : • When using nonindustrial rated transceivers, the hardened platform operating temperature range is de-rated. Please refer to the Cisco IE Datasheet or Hardware Installation Guide to calculate switch operating temperature ranges when nonindustrial SFPs are deployed. Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
IE-4000-8GS4G-E	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 15.2(2)EA	IOS 15.2(2)EA

Network Device Product ID	Transceiver Product ID	Transceiver Business Unit	Data Rate	Form Factor	Reach	Cable Type	Media	Connector Type	Transceiver Type	Case Temp	DOM Capable	Min Software Support	DOM Support
Network Device Notes for above line : • When using nonindustrial rated transceivers, the hardened platform operating temperature range is de-rated. Please refer to the Cisco IE Datasheet or Hardware Installation Guide to calculate switch operating temperature ranges when nonindustrial SFPs are deployed. Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
IE-4000-4GC4GP4G-E	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 15.2(2)EA	IOS 15.2(2)EA
Network Device Notes for above line : • When using nonindustrial rated transceivers, the hardened platform operating temperature range is de-rated. Please refer to the Cisco IE Datasheet or Hardware Installation Guide to calculate switch operating temperature ranges when nonindustrial SFPs are deployed. Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
IE-4000-16GT4G-E	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 15.2(2)EA	IOS 15.2(2)EA
Network Device Notes for above line : • When using nonindustrial rated transceivers, the hardened platform operating temperature range is de-rated. Please refer to the Cisco IE Datasheet or Hardware Installation Guide to calculate switch operating temperature ranges when nonindustrial SFPs are deployed. Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
IE-4000-8GT8GP4G-E	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 15.2(2)EA	IOS 15.2(2)EA
Network Device Notes for above line : • When using nonindustrial rated transceivers, the hardened platform operating temperature range is de-rated. Please refer to the Cisco IE Datasheet or Hardware Installation Guide to calculate switch operating temperature ranges when nonindustrial SFPs are deployed. Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
IE-4000-4GS8GP4G-E	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 15.2(2)EA	IOS 15.2(2)EA
Network Device Notes for above line : • When using nonindustrial rated transceivers, the hardened platform operating temperature range is de-rated. Please refer to the Cisco IE Datasheet or Hardware Installation Guide to calculate switch operating temperature ranges when nonindustrial SFPs are deployed. Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
IE-4010-16S12P	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 15.2(4)EC	IOS 15.2(4)EC
Network Device Notes for above line : • When using nonindustrial rated transceivers, the hardened platform operating temperature range is de-rated. Please refer to the Cisco IE Datasheet or Hardware Installation Guide to calculate switch operating temperature ranges when nonindustrial SFPs are deployed. Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
IE-4010-4S24P	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 15.2(4)EC	IOS 15.2(4)EC
Network Device Notes for above line : • When using nonindustrial rated transceivers, the hardened platform operating temperature range is de-rated. Please refer to the Cisco IE Datasheet or Hardware Installation Guide to calculate switch operating temperature ranges when nonindustrial SFPs are deployed. Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													

C2975

Network Device Product ID	Transceiver Product ID	Transceiver Business Unit	Data Rate	Form Factor	Reach	Cable Type	Media	Connector Type	Transceiver Type	Case Temp	DOM Capable	Min Software Support	DOM Support
WS-C2975GS-48PS-L	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 12.2(46)EX	—
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													

ME3400

Network Device Product ID	Transceiver Product ID	Transceiver Business Unit	Data Rate	Form Factor	Reach	Cable Type	Media	Connector Type	Transceiver Type	Case Temp	DOM Capable	Min Software Support	DOM Support
ME-3400-24TS-A	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 12.2(25)EX	IOS 12.2(46)SE
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
ME-3400-24TS-D	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 12.2(25)EX	IOS 12.2(46)SE
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
ME-3400G-12CS-A	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 12.2(25)SE G1	IOS 12.2(46)SE
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
ME-3400G-12CS-D	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 12.2(25)SE G1	IOS 12.2(46)SE
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
ME-3400G-2CS-A	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 12.2(35)SE 1	IOS 12.2(46)SE
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
ME-3400-24FS-A	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 12.2(40)SE	IOS 12.2(46)SE
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
ME-3400E-24TS-M	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 12.2(44)EY	IOS 12.2(44)EY
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
ME-3400EG-2CS-A	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 12.2(44)EY	IOS 12.2(44)EY
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
ME-3400EG-12CS-M	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 12.2(44)EY	IOS 12.2(44)EY
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													

C9300LM

Network Device Product ID	Transceiver Product ID	Transceiver Business Unit	Data Rate	Form Factor	Reach	Cable Type	Media	Connector Type	Transceiver Type	Case Temp	DOM Capable	Min Software Support	DOM Support
C9300LM-24U-4Y	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XE 17.9.1	IOS XE 17.9.1
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
C9300LM-48U-4Y	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XE 17.9.1	IOS XE 17.9.1
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
C9300LM-48UX-4Y	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XE 17.9.1	IOS XE 17.9.1
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
C9300LM-48T-4Y	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XE 17.9.1	IOS XE 17.9.1
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													

C8200

Network Device Product ID	Transceiver Product ID	Transceiver Business Unit	Data Rate	Form Factor	Reach	Cable Type	Media	Connector Type	Transceiver Type	Case Temp	DOM Capable	Min Software Support	DOM Support
C8200-1N-4T	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XE 17.5.1	IOS XE 17.5.1
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
C8200L-1N-4T	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XE 17.5.1	IOS XE 17.5.1
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
C8231-G2	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XE 17.18.1	IOS XE 17.18.1
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
C8235-G2	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XE 17.18.1	IOS XE 17.18.1
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													

C2960L

Network Device Product ID	Transceiver Product ID	Transceiver Business Unit	Data Rate	Form Factor	Reach	Cable Type	Media	Connector Type	Transceiver Type	Case Temp	DOM Capable	Min Software Support	DOM Support
WS-C2960L-8TS-LL	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 15.2(5)E	IOS 15.2(5)E
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
WS-C2960L-8PS-LL	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 15.2(5)E	IOS 15.2(5)E
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
WS-C2960L-16TS-LL	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 15.2(5)E	IOS 15.2(5)E
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
WS-C2960L-16PS-LL	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 15.2(5)E	IOS 15.2(5)E
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
WS-C2960L-24TS-LL	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 15.2(5)E	IOS 15.2(5)E
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
WS-C2960L-24PS-LL	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 15.2(5)E	IOS 15.2(5)E
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
WS-C2960L-48TS-LL	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 15.2(5)E	IOS 15.2(5)E
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
WS-C2960L-48PS-LL	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 15.2(5)E	IOS 15.2(5)E
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
WS-C2960L-24TQ-LL	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 15.2(5)E	IOS 15.2(5)E
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
WS-C2960L-24PQ-LL	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 15.2(5)E	IOS 15.2(5)E
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
WS-C2960L-48TQ-LL	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 15.2(5)E	IOS 15.2(5)E
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
WS-C2960L-48PQ-LL	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 15.2(5)E	IOS 15.2(5)E

Network Device Product ID	Transceiver Product ID	Transceiver Business Unit	Data Rate	Form Factor	Reach	Cable Type	Media	Connector Type	Transceiver Type	Case Temp	DOM Capable	Min Software Support	DOM Support
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													

C3560C

Network Device Product ID	Transceiver Product ID	Transceiver Business Unit	Data Rate	Form Factor	Reach	Cable Type	Media	Connector Type	Transceiver Type	Case Temp	DOM Capable	Min Software Support	DOM Support
WS-C3560-12PC-S	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 12.2(46)SE	—
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
WS-C3560CG-8TC-S	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 12.2(55)EX	—
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
WS-C3560CG-8PC-S	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 12.2(55)EX	—
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
WS-C3560C-8PC-S	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 12.2(55)EX 3	—
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
WS-C3560C-12PC-S	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 12.2(55)EX 3	—
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													

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Network Device Product ID	Transceiver Product ID	Transceiver Business Unit	Data Rate	Form Factor	Reach	Cable Type	Media	Connector Type	Transceiver Type	Case Temp	DOM Capable	Min Software Support	DOM Support
7300-NSE-150	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 12.2(31)SB 2	IOS 12.2(31)SB2
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													

NCS5500

Network Device Product ID	Transceiver Product ID	Transceiver Business Unit	Data Rate	Form Factor	Reach	Cable Type	Media	Connector Type	Transceiver Type	Case Temp	DOM Capable	Min Software Support	DOM Support
NC55-24X100G-SE	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XR 6.3.2	IOS XR 6.3.2
Network Device Notes for above line : • QSFP Ports, QSA (CVR-QSFP-SFP10G) required Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
NC55-24H12F-SE	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XR 6.3.2	IOS XR 6.3.2
Network Device Notes for above line : • QSFP Ports, QSA (CVR-QSFP-SFP10G) required Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
NC55-36X100G-A-SE	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XR 6.3.2	IOS XR 6.3.2

Network Device Product ID	Transceiver Product ID	Transceiver Business Unit	Data Rate	Form Factor	Reach	Cable Type	Media	Connector Type	Transceiver Type	Case Temp	DOM Capable	Min Software Support	DOM Support
Network Device Notes for above line : • QSFP Ports, QSA (CVR-QSFP-SFP10G) required Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
NCS-5501	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XR 6.1.1	IOS XR 6.1.1
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
NCS-5501-SE	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XR 6.1.1	IOS XR 6.1.1
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
NCS-55A1-24H	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XR 6.3.2	IOS XR 6.3.2
Network Device Notes for above line : • QSFP Ports, QSA (CVR-QSFP-SFP10G) required Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
NC55-MOD-A-S	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XR 6.5.1	IOS XR 6.5.1
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
NCS-55A2-MOD-S	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XR 6.5.1	IOS XR 6.5.1
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
NC55-MPA-12T-S	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XR 6.5.2	IOS XR 6.5.2
Network Device Notes for above line : • 661 will need SMU, 662 is ok. 1G Optics only on Ports 0-3 and 8-11 Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
NC55-MOD-A-SE-S	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XR 6.6.1	IOS XR 6.6.1
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
NCS-55A2-MOD-HD-S	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XR 6.5.1	IOS XR 6.5.1
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
NCS-55A2-MOD-SE-S	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XR 6.6.1	IOS XR 6.6.1
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
NCS-55A2-MOD-HX-S	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XR 6.5.1	IOS XR 6.5.1
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
NCS-55A2-MOD-SE-H-S	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XR 6.6.1	IOS XR 6.6.1
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
NCS-55A1-48Q6H	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XR 6.6.25	IOS XR 6.6.25
Network Device Notes for above line : • For QSFP Ports, QSA (CVR-QSFP-SFP10G) required Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
NCS-55A1-24Q6H-S	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XR 6.6.25	IOS XR 6.6.25
Network Device Notes for above line : • For QSFP Ports, QSA (CVR-QSFP-SFP10G) required Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
NCS-55A1-24Q6H-SS	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XR 7.2.1	IOS XR 7.2.1
Network Device Notes for above line : • For QSFP Ports, QSA (CVR-QSFP-SFP10G) required Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
NC55-32T16Q4H-A	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XR 7.2.2	IOS XR 7.2.2
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													

Network Device Product ID	Transceiver Product ID	Transceiver Business Unit	Data Rate	Form Factor	Reach	Cable Type	Media	Connector Type	Transceiver Type	Case Temp	DOM Capable	Min Software Support	DOM Support
NCS-57C3-MOD-S	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XR 7.4.1	IOS XR 7.4.1
Network Device Notes for above line : • No autonegotiation supported for 1Gb/s SFP optics. Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
NCS-57C3-MOD-SE-S	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XR 7.4.1	IOS XR 7.4.1
Network Device Notes for above line : • No autonegotiation supported for 1Gb/s SFP optics. Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
NCS-57C1-48Q6-SYS	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XR 7.5.2	IOS XR 7.5.2
Network Device Notes for above line : • No autonegotiation supported for 1Gb/s SFP optics. Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
NCS-57C1-48Q6-S	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XR 7.5.2	IOS XR 7.5.2
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
NC57-48Q2D-S	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XR 7.10.1	IOS XR 7.10.1
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
NC57-48Q2D-SE-S	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XR 7.10.1	IOS XR 7.10.1
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
NCS-57C1-48Q6D-S	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XR 7.5.2	IOS XR 7.5.2
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													

C2960P

Network Device Product ID	Transceiver Product ID	Transceiver Business Unit	Data Rate	Form Factor	Reach	Cable Type	Media	Connector Type	Transceiver Type	Case Temp	DOM Capable	Min Software Support	DOM Support
WS-C2960+48PST-L	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 15.0(2)EZ	—
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
WS-C2960+24PC-L	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 15.0(2)EZ	—
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
WS-C2960+24LC-L	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 15.0(2)EZ	—
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
WS-C2960+48TC-L	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 15.0(2)EZ	—
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
WS-C2960+24TC-L	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 15.0(2)EZ	—
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
WS-C2960+48PST-S	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 15.0(2)EZ	—
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
WS-C2960+24PC-S	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 15.0(2)EZ	—
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
WS-C2960+24LC-S	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 15.0(2)EZ	—

Network Device Product ID	Transceiver Product ID	Transceiver Business Unit	Data Rate	Form Factor	Reach	Cable Type	Media	Connector Type	Transceiver Type	Case Temp	DOM Capable	Min Software Support	DOM Support
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
WS-C2960+48TC-S	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 15.0(2)EZ	—
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
WS-C2960+24TC-S	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 15.0(2)EZ	—
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													

C2960S

Network Device Product ID	Transceiver Product ID	Transceiver Business Unit	Data Rate	Form Factor	Reach	Cable Type	Media	Connector Type	Transceiver Type	Case Temp	DOM Capable	Min Software Support	DOM Support
WS-C2960S-24TS-S	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 12.2(53)SE 1	—
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
WS-C2960S-48TS-S	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 12.2(53)SE 1	—
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
WS-C2960S-48FPS-L	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 12.2(53)SE 1	—
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
WS-C2960S-48LPS-L	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 12.2(53)SE 1	—
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
WS-C2960S-24PS-L	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 12.2(53)SE 1	—
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
WS-C2960S-48TS-L	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 12.2(53)SE 1	—
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
WS-C2960S-24TS-L	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 12.2(53)SE 1	—
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
WS-C2960S-48FPD-L	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 12.2(53)SE 1	—
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
WS-C2960S-48LPD-L	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 12.2(53)SE 1	—
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
WS-C2960S-24PD-L	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 12.2(53)SE 1	—
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
WS-C2960S-48TD-L	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 12.2(53)SE 1	—
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
WS-C2960S-24TD-L	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 12.2(53)SE 1	—

Network Device Product ID	Transceiver Product ID	Transceiver Business Unit	Data Rate	Form Factor	Reach	Cable Type	Media	Connector Type	Transceiver Type	Case Temp	DOM Capable	Min Software Support	DOM Support
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
2960S-F48TS-S	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 15.0(2)SE	—
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
2960S-F24TS-S	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 15.0(2)SE	—
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
2960S-F48FPS-L	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 15.0(2)SE	—
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
2960S-F48LPS-L	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 15.0(2)SE	—
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
2960S-F24PS-L	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 15.0(2)SE	—
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
2960S-F48TS-L	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 15.0(2)SE	—
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													
2960S-F24TS-L	GLC-SX-MMD	TMG	1 Gbps	SFP	1000m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS 15.0(2)SE	—
Transceiver Notes for above line : • FDDI: 220m; OM1: 275m; OM2: 550m; OM3, OM4/OM5: 1000m													