

CISCO · SWITCHES

QDD-400G-SR4.2-BD

400G SR4.2 QSFP-DD · MPO-12 MMF · 100m OM4

New, factory-sealed · 3-year LSCare warranty · Ships from Hong Kong and US stock



Product Model	QDD-400G-SR4.2-BD
Category	Switches
Condition	New, factory-sealed
Warranty	3-year LSCare warranty
Supplier	Layer23-Switch · www.layer23-switch.com



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Customers Worldwide

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Ready-Stock Inventory

3-Year

Warranty



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The QDD-400G-SR4.2-BD is a Cisco 400GBASE-SR4.2 QSFP-DD optical transceiver for short-reach 400GE data center links over parallel multimode fiber. The module reaches 70 m on OM3, 100 m on OM4 and 150 m on OM5 through an MPO-12 UPC connector, transmits at 855 nm and 908 nm, and operates from 0 to 75°C.

New, factory-sealed · 3-year LSCare warranty · 14-day returns ·
 Cisco SN check before shipment

Specifications

Product ID	QDD-400G-SR4.2-BD	Product type	400GBASE-SR4.2 QSFP-DD optical transceiver
Form factor	QSFP-DD	Cisco ordering description	400G QSFP-DD Transceiver, MPO-12 UPC, 100m OM4 MMF, 400GBASE-SR4.2, Can be used for 4X breakout to QSFP-100G-SR1.2
Data rate	400 Gigabit Ethernet	Breakout support	Up to 4 x 100GE breakout
Peer breakout optic	QSFP-100G-SR1.2	Connector type	MPO-12 UPC
Fiber type	Multimode fiber	Fiber pairs	Four pairs of MMF
Fiber core size	50 micron	Modal bandwidth	2000 MHz*km on OM3; 4700 MHz*km on OM4 and OM5
Reach on OM3	70m	Reach on OM4	100m
Reach on OM5	150m	Nominal data rate	425 Gbps
High-speed electrical interface	400GAUI-8/CEI-56G-VSR-PAM4	Signal lane structure	Four parallel fiber pairs with two 50Gbps bidirectional wavelengths per fiber
Wavelengths	855 nm and 908 nm	Average transmit power per lane	-6.2 to +4 dBm
Average receive power per lane	-8.2 to +4 dBm	Maximum supported insertion loss	1.9 dB
Pre-FEC bit error ratio	2.4×10^{-4}	Maximum power consumption	12 W
Pull tab color	Gray	Module operating temperature	0 to 75°C
Storage temperature	-40 to 85°C	Laser class	Class 1
Compliance reference	RoHS 6		

Get Price and Availability for QDD-400G-SR4.2-BD

New, factory-sealed units with a 3-year warranty. Our sales team quotes within one business day, and in-stock orders ship within one business day of payment from our Hong Kong and US warehouses.

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LAYER23-SWITCH