

CISCO SFP GLC MODULE

GLC-LX-SM-RGD

1000BASE-LX/LH 1310nm · 10 km SMF / 550 m MMF · Industrial Temperature SFP

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



Product Model	GLC-LX-SM-RGD
Category	Cisco SFP GLC Module
Condition	New, factory-sealed
Warranty	3-year LSCare warranty
Supplier	Layer23-Switch · www.layer23-switch.com



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3-Year

Warranty



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The GLC-LX-SM-RGD is the Cisco 1000BASE-LX/LH long wavelength rugged SFP module, the industrial-temperature member of the Gigabit Ethernet SFP family and the optic ordered when a 1G fiber link has to survive an uncontrolled enclosure.

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

Specifications

Product ID	GLC-LX-SM-RGD	Cisco ordering description	1000BASE-LX/LH long wavelength; rugged, spare part number GLC-LX-SM-RGD=
Optical standard	1000BASE-LX/LH, compatible with the IEEE 802.3z 1000BASE-LX standard	Form factor	SFP
Wavelength	1310 nm	Transmit and receive wavelength range	1270 to 1355 nm
Single-mode fiber reach	Up to 10 km (32,821 ft)	Multimode fiber reach	Up to 550 m (1,804 ft) on any multimode fiber
Multimode fiber detail	550 m on 62.5 micron fiber at 500 MHz-km, and 550 m on 50 micron fiber at 400 or 500 MHz-km	Minimum fiber distance	2 m (6.5 feet)
Legacy multimode requirement	The transmitter should be coupled through a mode conditioning patch cable when used over legacy multimode fiber type	Transmit power range	-3 to -9.5 dBm
Receive power range	-3 to -20 dBm	Maximum channel insertion loss	6 dB on G.652 single-mode fiber and 2.4 dB on any multimode fiber
Link distance limits	Bounded by both optical power budget and channel insertion loss, and both must be met for guaranteed operation	Digital optical monitoring	Supported
Operating temperature	Industrial temperature range IND, -40 to 85 degrees C (-40 to 185 degrees F)	Storage temperature	-40 to 85 degrees C (-40 to 185 degrees F)
Dimensions (H x W x D)	8.5 x 13.4 x 56.5 mm	Weight	75 grams or less
Power consumption	Up to 1W per SFP port	Safety certifications	Laser Class I 21CFR1040 LN#50 7/2001 and Laser Class I IEC 60825-1
Standards compliance	IEEE 802.3z, IEEE 802.3ah, GR-20-CORE, GR-326-CORE, GR-1435-CORE and IEC 60603-7:2000	Host compatibility reference	Host platform and software support is published in the Cisco transceiver module device support tables rather than in the SFP data sheet

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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