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Overview

The GLC-SX-MMD 1000BASE-SX SFP is made for Multimode Fiber only.

The 1000BASE-SX SFP, compatible with the IEEE 802.3z 1000BASE-SX standard, operates on legacy 50 μm multimode fiber links up to 550 m and on 62.5 μm Fiber Distributed Data Interface (FDDI)-grade multimode fibers up to 220 m. It can support up to 1km over laser-optimized 50 μm multimode fiber cable. 850-nm wavelength, extended operating temperature range and DOM support, dual LC/PC connector.

Quick Specification

Cisco Compatible	GLC-SX-MMD
Form Factor	SFP
Wavelength	850nm
Connector	Duplex LC
Media	MMF
TX Power	-9.5 ~ -3dBm
Industrial Temperature Range	-40 to 85°C (-40 to 185°F)
Vendor Name	FS
Max. Data Rate	1.25Gbps
Max. Cable Distance	550m over OM2 MMF
Optical Components	VCSEL 850nm
DOM Support	Yes
Receiver Sensitivity	< -17dBm
Protocols	IEEE 802.3z, SFF-8472, FC-PI, SFP MSA (INF-8074i) Compliant

Product Details:

The Front Panel:



Get more information:

Do you have any question about the GLC-SX-MMD?

Contact us now via e-mail: info@hi-network.com

Specific Data Sheet:

The industry-standard Cisco Small Form-Factor Pluggable (SFP) Gigabit Interface Converter is a hot-swappable input/output device that plugs into a Gigabit Ethernet port or slot, linking the port with the network (Figures 1, 2 and 3). SFPs can be used and interchanged on a wide variety of Cisco products and can be intermixed in combinations of 1000BASE-T, 1000BASE-SX, 1000BASE-LX/LH, 1000BASE-EX, 1000BASE-ZX, or 1000BASE-BX10-D/U on a port-by-port basis.

Product	Wavelength (nm)	Fiber Type	Core Size (µm)	Modal Bandwidth (MHz* Km)***	Operating Distance (m)
1000BASE-SX	850	MMF	62.5	160 (FDDI-grade)	220 (722 ft)
			62.5	200 (OM1)	275 (902 ft)
			50	400 (400/400)	500 (1,640 ft)
			50	500 (OM2)	550 (1,804 ft)
			50	2000 (OM3)	1000 (3281 ft)
1000BASE-LX/LH	1310	MMF*	62.5	500	550 (1,804 ft)
			50	400	550 (1,804 ft)
			50	500	550 (1,804 ft)
		SMF	-**	-	10,000 (32,821 ft)

1000BASE-EX	1310	SMF	-**	-	40,000 (131,234 ft)
1000BASE-ZX (GLC-ZX-SMD)	1550	SMF	-	-	Approximately 70 km depending on link loss
1000BASE-BX-U	1310	SMF	-**	-	10,000 (32,821 ft)
1000BASE-BX-D	1490	SMF	-**	-	10,000 (32,821 ft)

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