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Overview

1000BASE-SX SFP 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.

Quick Specs

Table 1 shows the Quick Specs.

Product Code	GLC-SX-MM
Connector Type:	LC multi-mode
Cabling Type:	Ethernet 1000Base-SX
Compliant Standards:	IEEE 802.3z
Connectivity Technology:	Wired
Data Link Protocol:	Gigabit Ethernet
Data Transfer Rate:	1 Gbps
Features:	Full duplex capability , Hot swap module replacement
Form Factor:	Plug-in module
Max Transfer Distance:	1800 ft
Optical Wave Length:	850 nm
Networking Type:	SFP (mini-GBIC) transceiver module

Solution

How to use this product to build Network for Small Business (Requires Router & Voice Module)?

See here: [SMB Network Options](#)

Get More Information

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

Contact us now via [Live Chat](#) or sales@router-switch.com.

Specification

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.

SFP Port Cabling Specifications

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)

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