

Cisco (GLC-ZX-SMD=)

Cisco - SFP (mini-GBIC) transceiver module - 1GbE - 1000Base-ZX - LC/PC single-mode - up to 70 km - 1550 nm



The Cisco 1000BASE-ZX SFP Module is an industry-standard Small Form-Factor Pluggable (SFP) Gigabit Interface Converter that links switches and routers to the network. Featuring a robust design for enhanced reliability, this SFP receiver/transmitter module plugs into a Gigabit Ethernet port or slot and is hot-swappable to maximise uptime and simplify serviceability.

Key Selling Points

- 70 km max transfer distance for extended network reach
- 1 Gbps data transfer rate for high-speed connectivity
- Compliant with IEEE 802.3ah and IEEE 802.3z for broad compatibility
- Digital Optical Monitoring (DOM) support for real-time performance monitoring
- Meets IEC 60825-1 and Laser Class 1 standards for safety and compliance

Product Features

- COMPATIBILITY
1000BASE-ZX SFP is designed for long-reach single-mode fibres
- OPERATION
Operates on standard single-mode fibre-optic link spans of up to 70 km in length (10-dB inline optical attenuator should be used for back-to-back connectivity)
- HOT SWAPPABLE
Plugs into an Ethernet SFP port or slot with no need to shut down if installing or replacing
- VERSATILITY
SFP receiver/transceiver module supports 'pay-as-you-populate' model for flexible media and interface choice on a port-by-port basis
- PEACE OF MIND
5-year standard replacement warranty

Main specifications

Product Description	Cisco - SFP (mini-GBIC) transceiver module - 1GbE
Device Type	SFP (mini-GBIC) transceiver module - LC/PC single-mode
Form Factor	Plug-in module
Cabling Type	1000Base-ZX
Data Transfer Rate	1 Gbps
Optical Wave Length	1550 nm
Data Link Protocol	1GbE
Max Transfer Distance	70 km
Dimensions (WxDxH)	1.34 cm x 5.65 cm x 0.85 cm
Weight	75 g
Manufacturer Warranty	1-year warranty

Extended specification

General

Device Type	SFP (mini-GBIC) transceiver module
Form Factor	Plug-in module

Expansion / Connectivity

Interfaces	1 x Ethernet 1000Base-ZX - LC/PC single-mode x 2
Compatible Slots	1 x SFP (mini-GBIC)

Manufacturer Warranty

Service & Support	Limited warranty - 1 year
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Networking

Connectivity Technology	Wired
Cabling Type	1000Base-ZX
Data Link Protocol	1GbE
Data Transfer Rate	1 Gbps
Optical Wave Length	1550 nm
Max Transfer Distance	70 km
Features	Digital Optical Monitoring (DOM) support
Compliant Standards	IEEE 802.3z, IEEE 802.3ah

Miscellaneous

Compliant Standards	Laser Class 1, IEC 60825-1
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Environmental Parameters

Min Operating Temperature	-5 °C
Max Operating Temperature	85 °C

Dimensions & Weight

Width	1.34 cm
Depth	5.65 cm
Height	0.85 cm
Weight	75 g

What's in the box

- What's in the Box
- SFP Module

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