



Gigabit Ethernet Media Converter

- Converts Media Types
- Wide SFP Transceiver Adaptability
- Fiber Protection Mechanism
- Wall-Mount Design Eases Installation
- Link Fault Signaling (LFS) Notifies Down Link to Peers



Media Converter

MC1000-
SFP-FP

Benefits

Media Type Conversion

ZyXEL MC1000-SFP-FP is a media converter with Gigabit-class traffic conversion capability. It's specially designed for active Ethernet ETTx deployment to ensure extra bandwidth and future-proof investment. Unique features like fiber protection and wall-mount design allow users to easily deploy the MC1000-SFP-FP for fiber connectivity at customer premises.

Wide SFP Transceiver Adaptability

The open Gigabit SFP slot accepts a wide range of SFP transceivers such as the latest bi-directional single fiber (BX) or traditional ones for maximum deployment flexibility. In addition, network span can also be extended easily with appropriate fiber transceivers.

Fiber Protection Accommodates and Simplifies

The fiber protection design is capable of organizing and accommodating fiber cables for better cable preservation and significantly easier installation. In addition, the wall-mount design of the MC1000-SFP-FP provides better deployment flexibility as well.

Easy Troubleshooting

With the Link Fault Signaling (LFS) mechanism, once any failed link was detected from gigabit copper connectivity, then MC1000-SFP-FP will conduct the linkdown on fiber part, and vice versa. Transparent link status data will be sent by the Link Fault Signaling (LFS) mechanism for the users to perform the network recovery and troubleshooting processes easier and faster.

Specifications

Standard Compliance

- IEEE 802.3 10BASE-T
- IEEE 802.3u 100BASE-TX
- IEEE 802.3ab 1000BASE-T
- IEEE 802.3z 1000BASE-X

Transparent Packet

- 64 to 1518 Bytes for Non-VLAN Ethernet packet
- 68 to 1522 Bytes for VLAN-Tag type Ethernet packet

Link Fault Signaling (LFS)

- Once any failed link was detected in gigabit copper connectivity, the connectivity in fiber part will be forced to linkdown, and vice versa.

Hardware Specifications

- Support auto-negotiation 10/100/1000Mbps copper port
- Support auto MDI/MDI-X on 10/100/1000Mbps copper port
- DIP Switch: DIP 1 - Enables / disables link fault signaling (LFS)
- One 10/100/1000 copper port
- One 1000BASE-X SFP open slot

Physical Specifications

- Dimensions: 194 (W) x 129 (D) x 25 (H) mm
- Weight: 292 g

Power Requirement

- External power adapter; 12 V DC/0.8 A
- Max power rating: 9.6 Watt

Environmental Specifications

- Operating temperature: 0°C ~ 45°C
- Storage temperature: -20°C ~ 70°C
- Operating humidity: 10% ~ 90%, non-condensing
- Storage humidity: 5% ~ 90%, non-condensing

Certification

- Safety: CE LVD
- EMC: FCC Part15 (Class B), CE EMC

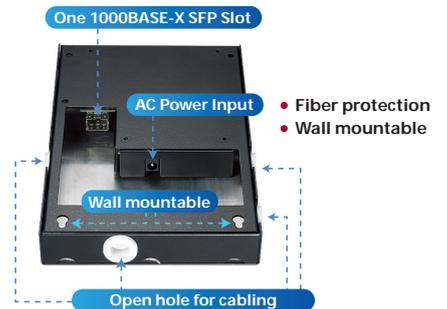
Transceiver Compatibility List

- SFP-SX-D
- SFP-LX-10-D
- SFP-BX1310-10-D
- SFP-BX1490-10-D
- SFP-LHX1310-40-D
- SFP-ZX-80-D

Front View



Rear View



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