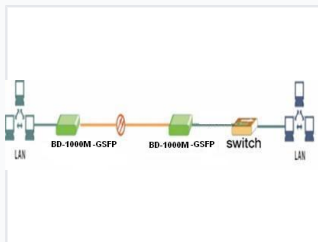


Gigabit Ethernet Fiber Media Converter

This media converter transmits 1000M Ethernet electrical signals through one optical fiber. It facilitates 10/100/1000M Base-TX Ethernet over 1000Base-FX single fiber transmission, extending network transmission distance.



ADDITIONAL IMAGES



Overview

Gigabit Ethernet Fiber Media Converter

This WDM Gigabit fiber media converter is designed to efficiently transmit 1000M Ethernet electrical signals over a single fiber optic cable. It seamlessly bridges 10/100/1000M Base-TX Ethernet to 1000Base-FX transmission, effectively extending network reach. With support for VLAN tagging and advanced broadcasting storm prevention, it provides a stable and reliable solution for long-distance network connectivity.

Technical Specifications

Network Standards	IEEE802.3, IEEE802.3u, IEEE802.3z, IEEE802.3ab
Ethernet Interface	RJ45
Auto-Adaptable Speed	10/100/1000M
MAC Address Capacity	2000 MAC
VLAN Support	802.1Q (up to 16 groups)

Transmission Performance

Transmission Metrics

100 m

Cat5 Distance

550 m

Multi-mode Distance

80 km

Max Single-mode Distance

Environmental & Physical

Operating Temperature	0°C to +50°C
Storage Temperature	-20°C to +70°C
Dimensions (W x L x H)	118 x 70 x 27 mm

Power Supply

Power Options

- DC-48V (Range: DC-36V to DC-72V)
- AC220V (Range: AC160V to AC240V)

Ordering Information

Available Models

Model	Description
BD-1000M-BI-20	WDM media converter, 10/100/1000M ethernet, single fiber, 20KM
BD-1000M-BI-40	WDM(BI-DI) media converter, 10/100/1000M ethernet, single fiber, 40KM