

## Gigabit Fiber Media Converter - 1000Base-LX, LC Singlemode, 20km, 1310nm

### Features

- 10/100/1000Mbps auto-sensed, easily upgrade
- full-duplex and half-duplex auto-sensed
- MDI/MDI-X Auto Negotiation
- 10/100/1000Mbps store-and-forward
- 1000Mbps cut-through transmission
- Packet size up to 1518 bytes
- Supporting VLAN / VoIP / QoS packets
- Support flow control and reduce broadcast packets
- Supporting STP to form a redundant network
- Extremely low power consumption, low heat, stable performance
- Providing Desktop, Wall-mounted, Chassis, DIN-rail installation
- LFP (Link Fault Pass-through) Function
- External Power Adapter or USB power source
- DIP Switch to set configurations
- Supporting extra-long packets up to 1600 bytes



This Fiber Transceiver / Media Converter is designed to convert data signal between 10/100/1000Base-T and 1000Base-LX Gigabit Ethernet. Maximum transmission distance 20 kilometers over duplex single-mode fiber (9/125 micron) @ 1310nm. Duplex LC Connector.

Standard	IEEE802.3 10Base-T Ethernet, IEEE802.3u 100Base-TX/FX Fast Ethernet
Data Rate	Copper: 10/100/1000M; Fiber: 10/100/1000Mbps
Flow control	Full duplex: flow control; Half duplex: back pressure
Copper Port	No.s of Copper Port: 1 Connector: RJ45 Connector Distance: 100m
Fiber Port	No.s of Fiber Port: 1 Connector: SFP as default, FC/ST /SC optional  Wavelength: TX 1550 nm/RX 1310 nm Distance: MMF 2Km, SMF 20/40/80/100/120Km, Bi-di 20/40/80/100Km
LED indicators	PWR (power supply); FL/A (optical link/action) FDX (FX full duplex), TL/A (twisted pairs link/action) 100 (100M transmission rate of twisted pairs), FX (100M transmission rate of optical fiber)
Power supply	Working power: DC5V 1A AC Power Supply: 100V~ AC240V to 5V1A Or DC Power Supply: -36~-72V to 5V1A External / Internal Power Supply Optional
Power consumption	<2W
Environment	Operating temperature : -10~55°C Storage Temperature: -40~85°C Relative Humidity: 5% to 95% non-condensing
Dimensions	External: 94mmx70mmx26mm
Gross Weight	External : 0.4kg