



Fiberer 10/100/1000M Ethernet Media Convert



Description

Fiberer Media Converter is 10/100/1000Mbps fast Ethernet converter. The converter mediates between a 10/100/1000Base-Tx segment and a 1000Base-FX segment. It is primarily designed for large, higher speed/bandwidth demanding workgroups that require expansion of the Ethernet network. It can extend the conventional 10M Ethernet or 100/1000M Fast Ethernet to 20Km-120Km via the fast Ethernet Fiber-optical Line. It is high-performance, cost effective and flexible solutions for a wide range of applications in the field of LAN campus network.

Features

- ▶ Provide one fiber connector and one UTP connector
- ▶ Fully Complies with IEEE802.3 10Base-T, IEEE802.3u 100Base-TX, IEEE802.3ab 1000Base-TX , IEEE802.3z 1000Base-FX standard
- ▶ Auto-detection of half/full duplex transfer mode for Tx port
- ▶ Auto-negotiation of 10/100/1000Mbps rate and Auto-MDI/MDIX for Tx port
- ▶ Provide switch configuration of half/full duplex transfer mode for Fx port
- ▶ Extend fiber distance up to 2km for multi-mode fiber and 20-120km for single-mode fiber
- ▶ Indication light: RX, TX, FX, 1000, POW, 10/100
- ▶ Easy-to-view LED indicators provides status to easily monitor network activity
- ▶ External power supply

Technical Standard

Standard	IEEE802.3 10BASE-T Ethernet IEEE802.3u 100BASE-TX/FX Fast-Ethernet IEEE802.3z/ab 1000BASE-FX/TX 1000M-Ethernet IEEE802.3x
RJ-45 Port	Auto-MDI/MDIX



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	Fiber Type	Wavelength	Send-Power
Fiber Port	SC/ST/FC	780/850/1310/1550nm	MMF : min : -20dBm ; max : -10dBm SMF : min : -20dBm ; max : 0dBm
Network Cable	10BASE-T: Category 3,4 or 5 UTP/STP (Max:100m) EIA/TIA- 568 100 Ω STP (Max:100m) 100BASE-TX: 2pairs of category 5 UTP (Max:100m) EIA/TIA- 568 100 Ω STP (Max:100m) 1000BASE-TX: Category 5 UTP/STP (Max:100m) 1000BASE-FX: MMF : 50/125,62.5/125,100/140 μ m (maximum 2Km) SMF : 8.3/125,8.7/125,9/125,10/125 μ m (20~120Km)		
Dimensions(WxDxH)	95x71x26mm (External power)		
Input Voltage	DC5V1A(External power input : AC100V-AC240V/50-60HZ)		
Operational Temperature	0 $^{\circ}$ C ~50 $^{\circ}$ C		
Store Temperature	-30 $^{\circ}$ C ~60 $^{\circ}$ C		
Humidity	5%~95% no coagulation		

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