

Synergy Telecom P Ltd.

10/100M Dual Fiber Media Converter



External Power Supply



Internal Power Supply

Description:

This type Media Converter is 10/100Mbps Fast Ethernet Converter. The Converter mediates between a 10/100Base-Tx segment and a 100Base-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 100M 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:

- ◆ LFPT (Link Fault Pass Through) Function optional
- ◆ Provide one fiber connector and one UTP connector
- ◆ Fully Complies with IEEE802.3 10Base-T, IEEE802.3u 100Base-TX/FX standard
- ◆ Auto-detection of half/full duplex transfer mode for Tx port
- ◆ Auto-negotiation of 10/100Mbps 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: FEF, SPD, FXL, TXL, PWR, FDX
- ◆ Easy-to-view LED indicators provides status to easily monitor network activity
- ◆ External power supply and Internal Power Supply

Specification:

Standard	IEEE802.3 10BASE-T Ethernet IEEE802.3u 100BASE-TX/FX Fast-Ethernet IEEE802.3x		
RJ-45 Port	Auto-MDI/MDIX		
Fiber Port	Fiber Type	Wavelength	Send-Power
	SC/ST/FC	850/1310/1550nm	MMF: -20dBm(min.) -10dBm(max.) SMF: -20dBm(min.) 0dBm(max.)
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) 100BASE-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)	94x71x27mm (External power) 157x129x32mm (Internal power)		
Input Voltage	DC5V1A(External power input : AC100V-AC240V/50-60HZ) AC100V-AC240V and DC-48V is optional (Internal power)		
Power Consumption	5w(External Power)		
OperationTemperature	0 $^{\circ}$ C ~ 70 $^{\circ}$ C		
Store Temperature	-40 $^{\circ}$ C ~ 85 $^{\circ}$ C		
Humidity	5% ~ 95% non-condensing		
Net Weight	0.45kg(External Power) 0.85kg(Internal Power)		

Order Information:

External Power Supply Part Number	Internal Power Supply Part Number	Detail Description
FHC0110-3M02A10	FHC0110-3M02A20	Dual Fiber,Multimode,2km,SC/ST/FC Interface
FHC0110-3S20A10	FHC0110-3S20A20	Dual Fiber,Singlemode,20km,SC/ST/FC Interface
FHC0110-3S40A10	FHC0110-3S40A20	Dual Fiber,Singlemode,40km,SC/ST/FC Interface
FHC0110-5S60A10	FHC0110-5S60A20	Dual Fiber,Singlemode,60km,SC/ST/FC Interface
FHC0110-5S80A10	FHC0110-5S80A20	Dual Fiber,Singlemode,80km,SC/ST/FC Interface
FHC0110-5S100A10	FHC0110-5S100A20	Dual Fiber,Singlemode,100km,SC/ST/FC Interface
FHC0110-5S120A10	FHC0110-5S120A20	Dual Fiber,Singlemode,120km,SC/ST/FC Interface