

## 10/100M SM Single Fiber Media convertor



### Description:

Fibre Optic Converter is 10/100Mbps 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 100M 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, IEEE802.2ab 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 TP/ACT, FX/ACT, FDX, 1000,100 POW
- Easy-to-view LED indicators provides status to easily monitor network activityInternal power supply

### Specification:

Band Width	RJ 45 Port:10/100/100Mbps	Optical Port: 1.25Gbps
Standard Protocol	IEEE802.3 1000 Base-T standard	
	IEEE802.3u 10/100/1000Base-SX/TX standard	
	IEEE802.1q, IEEE802.1p QoS, IEEE802.1d Spanning Tree	
	IEEE 802.3z standard.	
Connectors	UTP RJ-45	SC/ST/FC Fiber connector
	IEEE 802.3ab standard.	
Operation Mode	Full /Half duplex mode	
Power Supply	External	5V DC 2A
	Interna	AC 100-250V/50~60Hz

		DC -36~-72V
	Power Consumption	≤5W
LED Indicators	POW, FDX, TXLink / ACT, SPD, FXLink / ACT, FDX	
Environmental Parameters	Work Temperature	0°C~50°C
	Storage Temperature	-40°C~70°C
	Humidity	5%~90% non-condensing
TP Cable	Cat5 UTP cable	
Fiber-optic cable	50 / 125μm or 62.5 / 125μm multi-mode fiber cable, up to 220 / 550m	9 / 125μm single-mode cable, provides long distance for 20 / 40/ 60/ 80/120km
Dimensions(mm)	External power supply	94mm*70mm*25mm
	Internal power supply	140mm*110mm*30mm
	Socket Card	157mm*128mm*31mm
MTBF (Hours)	Over 50000	
Emission/Safety	FCC Part 15 , Class A, RoHS and CE Mark	

**Solution:**

