

Fiber Media Converter

1SFP slot and 1RJ45 Port

The media converter transmits the transmission media of Ethernet signal from UTP cable to optical fiber. It can extend the transmission distance up to 100km. Using media converter is an economical solution to achieve long distance transmission base on current status.

Features

- * Max. 2M buffer memory built in chip.
- * Auto negotiation back pressure flow control for full duplex IEEE802.3 X and half duplex.
- * Automatic identification of MDI/MDI-X cross line
- * High-performance 1.4Gbps memory bandwidth.
- * LED display for PWR,link/activity, full/half duplex,100M,1000M
- * Forward 1600 bytes packet for management;
- * max. transmission distance can be 100km;

Standard

- * IEEE 802.3 10 Base-T standard.
- * IEEE 802.3u 100 Base-TX/FX standard.
- * IEEE 802.3z 1000 Base-TX/FX standard.
- * IEEE 802.3x Flow control standard.

Specification

Optical Specs.	Fiber Port	1port SFP Slot
	Fiber Type	Dual Fiber or BiDi
	Data Rate	Dual Rate 100M (155M) / 1000Mbps
	Wavelength & Distance	Dual Fiber: Multimode 850nm 550m; 1310nm 2km Single mode 1310nm, 1550nm from 10km to 120km BiDi: 1310/1550nm 2/10/20/40km; 1490/1550nm 60/80/100/120/160km
Ethernet Specs.	Cable	Twisted-pair
	Transmission Type	10/100/1000Mbps Full Duplex/Half Duplex
	Distance	100meter
BER	$<1E^{-9}$	
Data Buffer	2M	
Power	4w	
Power Temp. Variation	0.2mw / °C	
Operate Temp.	0~70°C	
Storage Temp.	-40~85°C	
Humidity	95% non-condensing	
Power Supply	Type-C	