

10/100/1000Base-T to SFP Media Converter

1. Product Description

The 10/100/1000Base-T to SFP media converter, is a reliable Plug-and-Play fiber to ethernet converter. The mini-GBIC slot supports both Multi-Mode (SX) and Single-Mode (LX) fiber standards for transmission distances of up to 120km. Gigabit Ethernet port Auto-Negotiate between 100 and 1000Mbps transmission speeds.

2. Features

- Support auto negotiation of 10/100/1000Mbps and auto MDI/MDI-X for TP port
- Support auto full-duplex and half-duplex transmission mode for FX port
- Support Link Fault Pass Through (LFP)
- Mini-GBIC port supporting either multi-mode or single-mode fiber
- Easy-to-view LED indicators provide status to monitor network activity easily
- Low power consumption, stable mechanical construction and reliable performance

3. Specification

Parameter	Specifications
Access mode	10/100/1000Mbps
Standard	IEEE802.3 10Base-T Ethernet, IEEE802.3u 100Base-FX Fast Ethernet, IEEE802.3ab 1000Base-T, IEEE802.3z 1000Base-SX/LX
Wavelength	850nm/1310nm/1550nm
Transmission Distance	Multi-mode: 220m (fiber size: 62.5/125 μ m)/550m (fiber: 50/125 μ m) Single mode: 20/40/60/80/100/120km; Category-5 twisted pairs: 100m
Port	One RJ45 port: Connected to STP/UTP category-5 twisted pairs One Mini-GBIC port: 1000Base-SX/LX/EX/ZX
Conversion Mode	Store and Forward mode
BER (Bit error rate)	<1/10000000000



MTBF	100,000 hours
LED indicator	POWER (power), FX Link (fiber link action), TP Link1000 (twisted pair connection 1000M), TP Link100 (twisted pair connection 100M), TP ACT (twisted pair packet forwarding action)
Power supply	External: AC220V, Built in DC48V
Power consumption	< 6W
Operating temperature	-10~55°C
Operating humidity	5%~90%
Storage temperature	-40~70°C
Storage humidity	5% ~ 90% (non-condensing)
Dimensions	26mm (H) x 70mm (W) x 95mm (D)

4. Ordering Information

Model No	Fiber Mode	Wavelength	Distance	Fiber Interface	Power Supply
OP-410-SFP	MM/SM	According to SFP	According to SFP	LC/SC SFP	AC220V/DC12V /DC48V