

## 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 $\mu$ m)/550m (fiber: 50/125 $\mu$ 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



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<b>LED indicator</b>	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)
<b>Power supply</b>	External: AC220V, Built in DC48V
<b>Power consumption</b>	< 6W
<b>Operating temperature</b>	-10~55°C
<b>Operating humidity</b>	5%~90%
<b>Storage temperature</b>	-40~70°C
<b>Storage humidity</b>	5% ~ 90% (non-condensing)
<b>Dimensions</b>	26mm (H) x 70mm (W) x 95mm (D)

#### 4. Ordering Information

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