

OPTRONICS Copper to SFP Converter

Product Specification

UTP to SFP Converter (10/100/1000Mbps)

Product Features

1000Mbps Gigabit Ethernet supports two types media for network connection such as 10/100/1000Base-T and 1000Base-SX/LX. The media converter is designed with a switch controller and buffer memory that connects two types segments to operate smoothly. With internal power unit, it provides good stability and reliability.

Standards: IEEE 802.3z/AB 10/100/1000Base-T , 1000Base-SX/LX

- UTP Cable: Cat.5e or Cat.6 cable and up to 100m.
- Fiber Cable: 1000SX: 50/125, 62.5/125µm multi-mode, 1000LX: 9/125µm single-mode.
- Data Transfer Rate: 2000Mbps for full-duplex at 1000Mbps speed.
- LED Indicators: TP Act, Fdx, 100, 1000 , Power, FX Act
- TP Flow Control: NWay auto-negotiation

Fiber Flow Control: NWay at full-duplex mode

Work Circumstance:

- Power Requirement: 220V(175-260V)AC, 50Hz
- Ambient Temperature: 0 ~ 50°C
- Humidity: 5% ~ 90%

LED Description

There are six LED At Front View of Gigabit SFP Converter

TP 100 Lit when TP speed is 100Mbps

TP 1000 Lit when TP speed is 1000Mbps

TP Act Lit when TP connection is good.

Blinks when TP data is transmitting.

TP FDX Lit when TP full-duplex mode is active.

Off when TP half-duplex mode is active.

Blinks when collision signal is present.

FX Act Lit when TP connection is good.

Blinks when TP data is transmitting.

PWR Lit when +5V power is coming up.



Installing the Converter

1. Attach a SFP to SFP Cage on the converter

2. Attach fiber cable from the Converter to the fiber network.

The fiber connections must be matched: transmit socket to receive socket.

3. Attach a UTP cable from the TP network device to the RJ45 port on the Converter.

4. Connect the power cord to the Converter and check that the Power LED lights up. The TP Act and FX Act LEDs will light when all the cable connections satisfactory.

ORDER CODE

8421-232

OPTRONICS Copper to SFP Converter 10/100/1000Mbps for 100m cat5e UTP