

## 2-Port 10/100/1000Base-TX + 1-Port 1000Base-FX Media Converter

### Description

TS Series provides one 1000M optical fiber ports and two 10/100/1000M UTP ports. The two UTP ports can be support VLAN, and works as backup .

TS Series complies with IEEE802.3, IEEE802.3u, IEEE802.3x standards, it is designed to convert data signal between 10/100/1000Base-Tx and 1000Bas-Fx Fast Ethernet. It can transmit the traditional 1000M up to 0.5km by multimode fiber cable or 100km by single mode fiber cable.

The compact size can be mounted in our 14/16 slots rack chassis.

### Key Features

- With one fiber and two UTP ports, can convert Optical-Electric Ethernet signals between 10/100/1000M UTP interface (TX) and 1000M optical fiber interface (FX).
- Auto negotiation function allows UTP port to auto select 10M or 100M or 1000M , and Full Duplex or Half Duplex.
- Support Flow control and Broadcast storm protection.
- Supporting the max 1536 bytes frame.
- Internal Circuit of prevented thunder could greatly reduce damage of the converter caused by thunderbolt induction.
- With LED indicators for monitoring the working status.
- 3-years warranty.

## Specification

- Operating standards: IEEE802.3u 1000Base-TX and 1000Base-FX
- Connector:
  - UTP: RJ-45, 10/100/1000Mbps;
  - Fiber: SC/FC/ST, 1000Mbps (Full Duplex)
- Cable
  - UTP cable: Cat. 5 (the max distance up to 100m)
  - Fiber (multimode): 50/125, 62.5/125 $\mu$ m (the max distance up to 2km)
  - Fiber (single mode): 8/125, 8.7/125, 9/125, 10/125 $\mu$ m (the max distance up to 100km)
- Flow control
  - Full Duplex: IEEE802.3x flow control
  - Half Duplex: back pressure flow control
- LED Light: L/A-FX, FDX-FX, L/A-TP, SPD-TP, FDX-TP, PWR
- Power supply: AC85~240V, DC5V 1A;
- Environment temperature: 0 ~ +50 $^{\circ}$ C
- Storage temperature: : -20 ~ +70 $^{\circ}$ C
- Humidity: : 5% ~ 90%
- Dimensions: 26mm (H) \* 70mm (W) \* 94 mm (D)

## Application

