



100Base-TX to 100Base-FX Single Mode SC Fiber Converter

TFC-110S100

- SC type single-mode fiber port connects over distances of up to 100km
- 10/100Base-TX port supports Auto-Negotiation, Auto-MDIX and Full-Duplex mode
- Functions as a stand alone converter or with the TFC-1600 fiber chassis

The TFC-110S100 Fiber Converter works with the TFC-1600 chassis system or as a standalone unit. This converter is a Single Mode SC type fiber converter spanning distances up to 100km (62.1 miles). Ports include 1 x 10/100Base-TX (RJ-45) port and 1 x 100Base-FX fiber port (SC-Type).

- Compliant with IEEE 802.3 10Base-T and IEEE 802.3u 100Base-TX / 100Base-FX standards
- One 10/100Base-TX auto-negotiation RJ-45 port
- Auto-negotiation 10/100Mbps connection speed and Half/Full-duplex mode on TX port
- Auto MDIX for 10/100Base-TX port
- One 100Mbps fiber port with Single-mode SC-Type Connector
- Half / Full-Duplex mode selector on Fiber port
- Status LED indicators for Power, Link/Activity, Full-Duplex, and Speed
- Wall-Mountable
- Optional 19" system chassis with redundant power supply (TFC-1600), holds up to 16 TFC series Media Converters
- 3-year limited warranty

Specifications

Hardware

Standards

- IEEE802.3 10Base-T, IEEE 802.3u 100Base-TX and 100Base-FX

Supported Frame Size

- Standard Ethernet up to 1522-Byte

Network Media

- 100Base-TX: Cat. 5, EIA/TIA-568 100-ohm UTP/STP, up to 100 meters.
- 100Base-FX: Single-Mode fiber optic cable 9/125 or 10/125 μm , up to 100 Km.

Wavelength

- 1550nm

Protocol

- CSMA/CD

Ports

- 1 x 10/100Base-TX and 1 x 100Base-FX

Data Transfer Rate

- 100Mbps (Half-Duplex), 200Mbps (Full-Duplex)

Diagnostic LEDs

- Power, Link/Activity, Full-Duplex, and Speed

Power Adapter

- 7.5VDC, 1.5A (7.2 watts max.)

Temperature

- Operating: 0° ~ 40° C (32° ~ 104° F)
- Storage: -25° ~ 70° C (-13° ~ 158° F)

Humidity

- Operating: 10% ~ 90%
- Storage: 5% ~ 90% (non-condensing)