100Base-TX to 100Base-FX Single Mode SC Fiber Converter (15KM, 9.3Miles)

TFC-110S15 (D3.4R)

- SC type single-mode fiber port connects over distances of up to 15km (9.3 miles)
- 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-110S15 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 15km (9.3 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
- 1 x 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
- 1 x 100Mbps fiber port with single-mode SC-type connector
- Status LED indicators for Power, Link/Activity, Full-Duplex, and Speed
- Dip-switch for full and half duplex selection on fiber port
- Optional 19” system chassis with redundant power supply (TFC-1600), holds up to 16 TFC series Media Converters
- 3-year limited warranty

Specifications

Hardware

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

Supported Frame Size
- Standard Ethernet up to 1518bytes

Network Media
- 100Base-TX: Cat. 5 EIA/TIA-568 100-ohm UPT/STP, up to 100m
- 100Base-FX: Single-mode fiber optic cable 9/125 µm or 10/125 µm, up to 15km

Protocol
- CSMA/CD

Ports
- 1 x 10/100Base-TX
- 1 x 100Base-FX (SC-type)

Dip Switch
- FX: full/half duplex mode

Transfer Rate
- 100Mbps (half-duplex)
- 200Mbps (full-duplex)

Diagnostic LEDs
- Per Unit: power
- Per Port: link/activity, full-duplex/collision, speed (on fiber port)

Power Adapter
- 7.5V DC, 1A external power adapter

Power Consumption
- 1.8 Watts (max)

Dimensions
- 120 x 88 x 25mm (4.7 x 3.46 x 0.98 in.)

Weight
- 354g (12.5oz)

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

Humidity
- Max. 90% (non-condensing)

Certification
- FCC,CE

Media
- SMF

Wavelength
- 1310nm

Pout (dBm)
- -20 ~ 0

Sensitivity
- -32 ~ 0

Power
- 12

Distance
- 15km

Package Contents
- TFC-110S15
- Multi-Language Quick Installation Guide
- Power Adapter (5V, 1A)

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Updated: 4/30/2018