



100Base-FX Multi-Mode to Single Mode SC-Type Fiber Converter

TFC-15MS100 (A1.1R)

- SC-type Multi-mode to single-mode converter
- Functions as a stand alone coverter
- Compatible with TFC-1600 fiber chassis for distances up to 15km (9.3miles)

The TFC-15MS100 Fiber Converter works with the TFC-1600 chassis system or as a standalone unit. This Multi Mode to Single Mode SC-Type converter spans distances up to 15km (9.3 miles). Ports include 2 x 100Base-FX (SC-Type) ports. Network 100Base-FX Multi-Mode to 100Base-FX Single Mode media.

- Compliant with IEEE 100Base-FX standards
- 1 x 100Mbps fiber port with multi-mode SC-type connector
- 1 x 100Mbps fiber port with single-mode SC-type connector
- Status LED indicators for Power, Link/Activity, and Full-Duplex
- 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

Standard

- IEEE802.3u 100Base-FX

Supported Frame Size

- Standard Ethernet up to 1522byte

Network Media

- 100Base-FX: Multi-mode fiber optic cable 50/125 μm or 62.5/125 μm , up to 2km
- 100Base-FX: Single-mode fiber optic cable 9/125 μm or 10/125 μm , up to 15km

Protocol

- CSMA/CD

Ports

- 1 x 100Base-FX multi-mode (SC-type)
- 1 x 100Base-FX single-mode (SC-type)

Transfer Rate

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

Diagnostic LED

- 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

- MMF

Wavelength

- 1300nm/1310nm

Optical Output Power (dBm)

- Min: -23.5 / -20
- Max.: -14 / 0

Optical Input Power (dBm)

- Min (Sensitivity): -31/-32
- Max.: 0/0

Power Budget

- 7.5 / 12

Distance

- 2km/15km

Package Contents

- TFC-15MS100
- Multi-Language Quick Installation Guide
- Power Adapter (7.5V, 1A)