

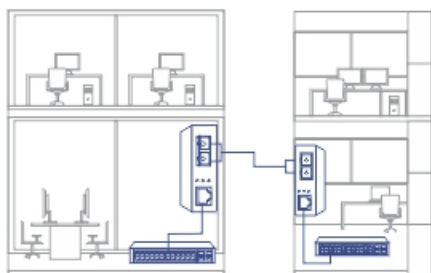


100Base-T to 100Base-FX Multi-Mode SC Fiber Converter

TFC-FMSC (v2.0R)

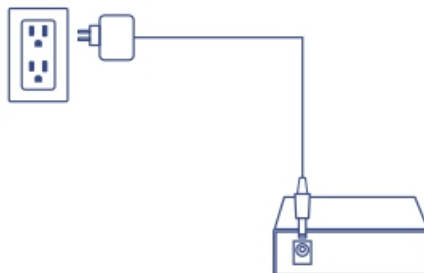
- Functions as a standalone converter
- 10/100 Mbps Auto-MDIX Fast Ethernet port
- 100 Mbps SC-type multi-mode fiber port
- Fiber networking over distances of up to 2 km (1.25 mi.)
- 200 Mbps switching capacity
- LEDs convey power and copper / fiber link and activity
- Not compatible with TFC-1600

TRENDnet's TFC-FMSC, Fast Ethernet Fiber Converter, is a Multi-Mode SC-Type fiber converter that converts 10/100 Mbps Ethernet to 100 Mbps Fiber and spans distances up to 2 km (1.25 mi.). Ports include a 100Base-T (RJ-45) port and a 100Base-FX (SC-Type) fiber port.



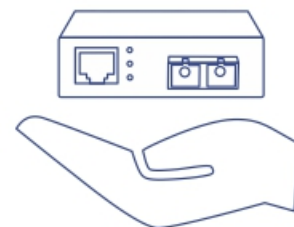
Building-to-Building

Well suited for corporate interbuilding and intrabuilding backbones where fiber networking over longer distances is required.



Standalone Converter

A durable metal enclosure with included power adapter for standalone converter installations.



Compact

Small and compact metal housing design provides greater installation flexibility.

Networking Solution



- 1 10/100 Mbps Ethernet port
- 2 LED indicators
- 3 100 Mbps SC type fiber port
- 4 Power port



Standalone Converter

Comes in a durable metal enclosure



Ethernet Port

1 x 100Base-T Ethernet port



Fiber Port

1 x 100Base-FX multi-mode port, compatible with SC-Type fiber connector



Networking Distance

Supports fiber networking over distances of up to 2 km (1.25 mi.)



Switching Capacity

200 Mbps switching capacity



LED Indicators

LEDs convey power and copper / fiber link and activity

Specifications

Standards

- IEEE 802.3
- IEEE 802.3u
- IEEE 802.3x

Device Interface

- 1 x 10/100 Mbps Fast Ethernet port
- 1 x 100 Mbps SC type fiber port
- LED indicators

Network Media

- 100Base-TX: Cat.5e EIA / TIA-568 100-ohm STP, up to 100 m
- 100Based-FX: 50 / 125 μ m multi-mode SC-Type fiber optic, up to 2 km
- 100Based-FX: 62.5 / 125 μ m multi-mode SC-Type fiber optic, up to 2 km

Protocol

- CSMA / CD

Data Transfer Rate

- Fast Ethernet: 200 Mbps (full duplex)
- Optical fiber: 155 Mbps

Wavelength

- 1310 nm

Optical Output Power

- Min: -20 dBm
- Max: -10 dBm

Optical Input Power

- Min. (Sensitivity): -3 dBm
- Max: 0 dBm

Power Budget

- -14 dB

Distance

- 2 km (1.25 mi.)

Power

- Input: 100–240 V 50/60 Hz 0.2 A
- Output: 5 V DC 1 A
- Consumption: 2 W max.

Operating Temperature

- 0 – 40 °C (32 – 104 °F)

Operating Humidity

- Max. 90% non-condensing

Dimensions

- 102 x 75 x 22.6 mm. (4 x 2.95 x 0.9 in.)

Weight

- 194 g (6.8 oz.)

Certifications

- CE
- FCC

Warranty

- 3 year limited

Package Contents

- TFC-FMSC
- Quick Installation Guide
- Power Adapter (5 V DC, 1 A)

