

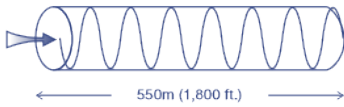


Intelligent 1000Base-T to 1000Base-SX Multi-Mode SC Fiber Converter

TFC-1000MSC (v5.0R)

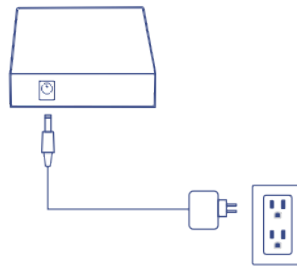
- SC-type 1000Base-SX Multi-Mode fiber port
- 1 x 100/1000BASE-T RJ-45 port
- Fiber networking over distances of up to 550m (1800 ft.)
- Functions as a standalone converter
- Compatible with TRENDnet's TFC-1600 fiber chassis system
- 2Gbps switching capacity
- LEDs convey power and copper/fiber link and activity

TRENDnet's Intelligent 1000Base-T to 1000Base-SX Multi-Mode SC Fiber Converter, model TFC-1000MSC, is compatible with the TFC-1600 chassis system or can function as a standalone unit. This multi-mode fiber converter is an SC fiber converter that supports SNMP (when used TFC-1600MM) and spans distances up to 550m (1,800 ft.). Ports include a 1000Base-T (RJ-45) port and a 1000Base-SX (SC-Type) fiber port.



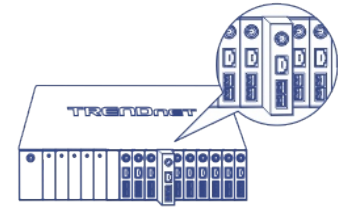
Multi-Mode

This multi-mode converter is an SC-Type fiber converter that supports SNMP (when used TFC-1600MM) and spans distances up to 550m (1,800 ft.). Ports include a 1000Base-T (RJ-45) port and a 1000Base-SX (SC-Type) fiber port.



Power Adapter

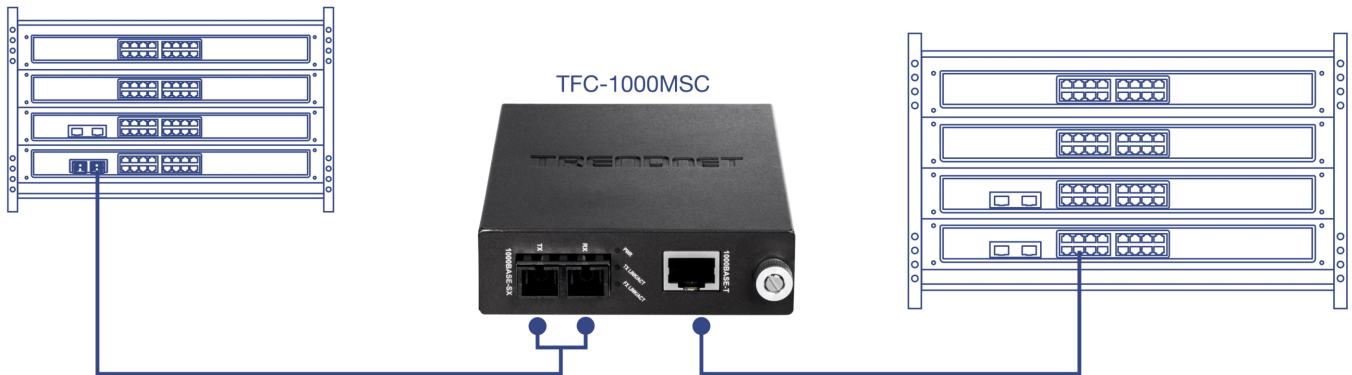
The multi-mode fiber media converter includes a power adapter for standalone use.



TFC-1600 Chassis Compatible

Functions as a standalone unit, or can be used with TRENDnet's expandable 16-Bay Fiber Converter Chassis System, model TFC-1600 (sold separately).

NETWORKING SOLUTION



FEATURES



Network Ports

1 x 100/1000Mbps RJ-45 copper port and 1 x 1000Mbps Duplex Fiber SC port



Switching Capacity

2Gbps switching capacity



Jumbo Frame

Sends larger packets, or jumbo frames (up to 9KB), for increased performance from the multi-mode fiber media converter

SPECIFICATIONS

Standards

- IEEE 802.3ab (1000Base-T)
- IEEE 802.3z (1000Base-SX)
- IEEE 802.3x

Device Interface

- 1 x Gigabit port
- 1 x SC type fiber port
- LED indicators

Network Media

- 1000Base-TX: Cat.5e, 6 EIA/TIA-568 100-ohm STP, up to 100 m
- 1000Base-SX: 50/125µm multi-mode SC-Type fiber optic, up to 550 m

Protocol

- CSMA/CD

Dip Switch

- LLCF (enable & disable)

Data Transfer Rate

- Gigabit Ethernet: 2000 Mbps (full duplex)

Jumbo Frame

- Up to 9KB

Wavelength

- 850 nm

Optical Output Power

- Min: -9.5 dBm
- Max: -4 dBm

Optical Input Power

- Min. (Sensitivity): -18 dBm
- Max: 0 dBm

Power Budget

- 8.5 dBm

Distance

- 550m. (1800 ft.)

Power

- Input: 100 – 240V AC, 50 – 60Hz, 0.2 A
- Output: 5 V DC, 1A external power adapter
- Consumption: 2.4 W (max.)

Special Features

- Support LLCF (Link Loss Carry Forward) and built-in LLR (Link Loss Return)
- Monitor and configure Ethernet or Fiber's duplex mode, LLCF, and receive link down information via management module TFC-1600MM and chassis TFC-1600
- Status LED indicators for Power and Link/Activity
- Wall mountable
- Optional 19" system chassis (TFC-1600), houses up to 16 TFC-100/1000 series Media Converters

Operating Temperature

- 0° – 40° C (32° – 104° F)

Operating Humidity

- Max. 90% non-condensing

Dimensions

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

Weight

- 280g (9.9 oz.)

Certifications

- CE
- FCC

Warranty

- 3 year

Package Contents

- TFC-1000MSC
- Quick Installation Guide
- Power Adapter (5V DC, 1A)

All references to speed are for comparison purposes only. Product specifications, size, and shape are subject to change without notice, and actual product appearance may differ from that depicted herein.