



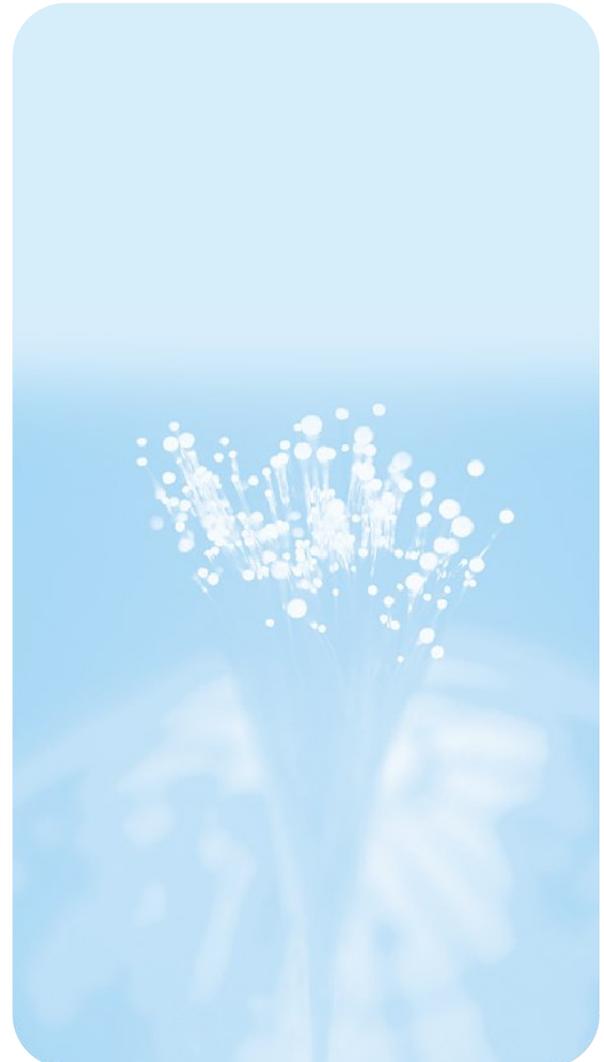
TFC-100 SERIES Fiber Media Converter

TRENDnet's TFC-100 series Fiber Media Converter transforms 100Base-TX UTP/STP media to 100Base-FX media and vice versa. The 100Base-TX port auto-negotiates half-/full-duplex connection and it has a slide-switch for selecting MDI-X / MDI-II media type. The fiber connection can be multi-mode SC, MT-RJ, or single-mode SC connector and supports half-duplex and full-duplex modes. This converter will give your Switch/Hub the ability to interface with fiber connections over a distance up to 75 km. With the optional 16-slot EIA-19" rack-mount chassis, the TFC series converters are the perfect solutions for various fiber media conversions for your network.



FEATURES

- Compliant with IEEE 802.3u 100Base-TX and 100Base-FX standards
- One 100Mbps RJ45 port with MDI-X / MDI-II selector
- Auto-Negotiation for half-duplex/full-duplex on 100Mbps port
- One 100Mbps fiber port with Multi-mode SC or MT-RJ, or Single-mode SC connector
- Status LED indicators for Power, TX (Link/Activity), Full-Duplex, and FX
- Wall-Mountable
- Optional 19" system chassis with redundant power supply, holds up to 16 TFC series Media Converters
- 5 Year Warranty



TFC-100 SERIES Fiber Media Converter

SPECIFICATIONS

Standards:

- IEEE 802.3u 100Base-TX, IEEE 802.3u 100Base-FX

Ports:

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

FX port Media Types:

- Multi-mode SC or MT-RJ; Single-mode SC

Network Media:

- 100Base-TX: CAT 5, EIA/TIA-568 100-ohm UTP/STP, up to 100 meters.
- 100Base-FX: 50/125 μ m or 62.5/125 μ m multi-mode fiber optic cable, up to 2 km. 9/125 μ m or 10/125 μ m single-mode fiber optic cable, up to 75 km.

Protocol:

- CSMA/CD

Data Transfer Rate:

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

Diagnostic LEDs:

- Power, Link/Activity, and Full-Duplex

Power Adapter:

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

Dimensions:

- 120 x 88 x 25 mm (W x D x H)

Weight:

- Appro. 305 g. (10.8 Oz.)

Temperature:

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

Humidity:

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

Certifications:

- FCC, CE, VCCI



PRODUCT INFORMATION

- **TFC-100MSC:** 100Base-TX to 100Base-FX Multi-mode Fiber with SC Connector
- **TFC-100MM:** 100Base-TX to 100Base-FX Multi-mode Fiber with MT-RJ Connector
- **TFC-100S15:** 100Base-TX to 100Base-FX Single-mode 15 km Fiber with SC Connector
- **TFC-100S40:** 100Base-TX to 100Base-FX Single-mode 40 km Fiber with SC Connector
- **TFC-100S75:** 100Base-TX to 100Base-FX Single-mode 75 km Fiber with SC Connector
- **TFC-1600:** 16-slot EIA-19" (2 Unit-Height) Chassis for TFC series Media Converters

ORDERING INFORMATION



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