



**TFC-110 SERIES**

TRENDnet's TFC-110 series Fiber Media Converter transforms 10/100Base-TX UTP/STP media to 100Base-FX media and vice versa. The 10/100Base-TX port auto-sense 10 or 100Mbps connection speed, auto-negotiates half-/full-duplex mode, and auto-selects MDI-X / MDI-II media type. The fiber connection can be multi-mode SC, MT-RJ, or single-mode SC Connector and it has a slide-switch for selecting half- or full-duplex mode. This converter will give your Switch/Hub the ability to interface with fiber connection 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 802.3 10Base-T and IEEE 802.3u 100Base-TX / 100Base-FX standards
- One 10/100Base-TX auto-negotiation RJ-45 port
- Auto-negotiation 10/100Mbps connection speed and half- / Full-duplex mode on TX port
- Auto MDI-X / MDI-II for 10/100Base-TX port
- One 100Mbps fiber port with Multi-mode SC, MT-RJ, or Single-mode SC connector
- Half- / Full-Duplex mode selector on Fiber port
- Status LED indicators for Power, Link/Activity, Full-Duplex, and Speed
- Wall-Mountable
- Optional 19" system chassis with redundant power supply, holds up to 16 TFC series Media Converters
- 5-year Warranty

## TREND SPEC'S

<b>Standards:</b>	IEEE802.3 10Base-T, IEEE 802.3u 100Base-TX and 100Base-FX
<b>Network Media:</b>	100Base-TX: CAT 5, EIA/TIA-568 100-ohm UTP/STP, up to 100 meters. 100Base-FX: 50/125µm or 62.5/125µm multi-mode fiber optic cable, up to 2 km. 9/125µm or 10/125µm single-mode fiber optic cable, up to 75 km
<b>Protocol:</b>	CSMA/CD
<b>Ports:</b>	1 x 10/100Base-TX and 1 x 100Base-FX
<b>Data Transfer Rate:</b>	100Mbps (Half-Duplex), 200Mbps (Full-Duplex)
<b>Diagnostic LEDs:</b>	Power, Link/Activity, Full-Duplex, and Speed
<b>Power Adapter:</b>	7.5VDC, 1.5A (7.2 watts max.)
<b>Dimensions:</b>	120 x 88 x 25 mm (W x D x H)
<b>Weight:</b>	Approx. 354 g. (12.5 Oz.)
<b>Temperature:</b>	Operating: 0° ~ 40° C (32° ~ 104° F), Storage: -25° ~ 70° C (-13° ~ 158° F)
<b>Humidity:</b>	Operating: 10% ~ 90%, Storage: 5% ~ 90% (non-condensing)
<b>Certifications:</b>	FCC, CE, VCCI

## PRODUCT INFORMATION

TFC-110MST	10/100Base-TX to 100Base-FX Multi-Mode Fiber with ST Connector
TFC-110MSC	10/100Base-TX to 100Base-FX Multi-Mode Fiber with SC Connector
TFC-110MM	10/100Base-TX to 100Base-FX Multi-Mode Fiber with MT-RJ Connector
TFC-110S15	10/100Base-TX to 100Base-FX Single-Mode 15 km Fiber with SC Connector
TFC-110S60	10/100Base-TX to 100Base-FX Single-Mode 60 km Fiber with SC Connector
TFC-110S75	10/100Base-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