



## **10/100Base-TX to 100Base-FX Single-Mode Fiber Converter (100Km) with SC-Type Connector**

### **TFC-110S100**

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 100 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 MDIX for 10/100Base-TX port
- One 100Mbps fiber port with Single-mode SC-Type 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 (TFC-1600), holds up to 16 TFC series Media Converters
- 5-year Warranty

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## TFC-110S100

### SPECIFICATIONS

Hardware	
Standards	• IEEE802.3 10Base-T, IEEE 802.3u 100Base-TX and 100Base-FX
Supported Frame Size	• Standard Ethernet up to 1522-Byte
Network Media	• 100Base-TX: Cat. 5, EIA/TIA-568 100-ohm UTP/STP, up to 100 meters. • 100Base-FX: Single-Mode fiber optic cable 9/125 or 10/125 $\mu\text{m}$ , up to 100 Km.
Wavelength	• 1300nm
Protocol	• CSMA/CD
Ports	• 1 x 10/100Base-TX and 1 x 100Base-FX
Data Transfer Rate	• 100Mbps (Half-Duplex), 200Mbps (Full-Duplex)
Diagnostic LEDs	• Power, Link/Activity, Full-Duplex, and Speed
Power Adapter	• 7.5VDC, 1.5A (7.2 watts max.)
Temperature	• Operating: 0° ~ 40° C (32° ~ 104° F) ; Storage: -25° ~ 70° C (-13° ~ 158° F)
Humidity	• Operating: 10% ~ 90% ; Storage: 5% ~ 90% (non-condensing)

### RELATED PRODUCTS

TFC-1600	16-Slot Chassis System for TFC series Fiber Converter
TFC-110MSC	10/100Base-TX to 100Base-FX Multi-Mode Fiber Converter with SC-Type Connector
TFC-110MM	10/100Base-TX to 100Base-FX Multi-Mode Fiber Converter with MT-RJ Connector
TFC-110MST	10/100Base-TX to 100Base-FX Multi-Mode Fiber Converter with ST-Type Connector
TFC-110S15	10/100Base-TX to 100Base-FX Single-Mode Fiber Converter (15Km) with SC-Type Connector
TFC-110S30	10/100Base-TX to 100Base-FX Single-Mode Fiber Converter (30Km) with SC-Type Connector
TFC-110S60	10/100Base-TX to 100Base-FX Single-Mode Fiber Converter (60Km) with SC-Type Connector

### ORDERING INFORMATION

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