



1000Base-T to 1000Base-LX Single-Mode Fiber Converter (20Km) with SC-Type Connector

TFC-1000S20

TRENDnet's TFC-1000 series Fiber Media Converter transforms 1000Base-T (Copper Gigabit) media to 1000Base-SX/LX (Fiber Gigabit) media and vice versa. The 1000Base-T port supports full-duplex Gigabit connection at wire speed with RJ45 connector. The fiber Gigabit connection supports shortwave (SX) or longwave (LX) laser optic with multi-mode or single-mode SC type connector. This converter will give your Copper Gigabit connection the ability to interface with fiber connection over a distance up to 20 km. With the optional 16-slot EIA-19" rack-mount chassis, the TFC series converters are the perfect solutions for various fiber media

FEATURES

- Compliant with IEEE 1000Base-T and 1000Base-LX
- One 1000Base-T RJ-45 port
- One 1000Base-LX Port w/ SC-Type Connector
- 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
- 3-year limited warranty

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SPECIFICATIONS

Hardware	
Standards	• IEEE 1000Base-TX and 1000Base-LX
Supported Frame Size	• No limitation (Standard Ethernet and Jumbo Frame)
Network Media	• 1000Base-T: Cat. 5, EIA/TIA-568 100-ohm UTP/STP, up to 100 meters. • 1000Base-SX: Multi-Mode fiber optic cable 50/125 µm up to 550 meters. 62.5/125 µm up to 220 meters • 1000Base-LX: Single-Mode fiber optic cable 9/125 or 10/125 µm, up to 20 Km
Wavelength	• 1300nm
Protocol	• CSMA/CD
Ports	• 1 x 1000Base-T and 1 x 1000Base-LX
Data Transfer Rate	• 1000Mbps
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-1000MSC	1000Base-T to 1000Base-SX Multi-Mode Fiber Converter with SC-Type Connector
TFC-1000S50	1000Base-T to 1000Base-LX Single-Mode Fiber Converter (50Km) with SC-Type Connector

ORDERING INFORMATION

TRENDnet®

20675 Manhattan Place, Torrance, CA 90501 USA

Tel: 1-310-961-5500

Fax: 1-310-961-5511

Web: www.trendnet.com

Email: sales@trendnet.com

To Order Please Call:

1-888-326-6061

