



Intelligent 1000Base-T to 1000Base-LX Single-Mode SC Fiber Converter (70km/43.5miles) TFC-1000S70

The TFC-1000S70 Intelligent Fiber Converter works with the TFC-1600 chassis system or as a standalone unit. This converter is a Single Mode SC-Type fiber converter that supports SNMP and spans distances up to 70km (43.5miles). Ports include 1 x 1000Base-T (RJ-45) port and 1 x 1000Base-LX (SC-Type) port.

Features

- Compliant with IEEE 802.3ab 1000Base-T and IEEE 802.3z 1000Base-LX standards
- 1 x 1000Base-T RJ-45 port
- 1 x 1000Base-LX single-mode SC type fiber port
- Provides Dip switch to set: Fiber (Forced/Auto-Negotiation), LLR (Enable/Disable)
- Support LLCF (Link Loss Carry Forward, Link Pass Through)
- Support LLR (link Loss Return) for Fiber port
- Monitor and configure Ethernet or Fiber's duplex mode, LLR, port on/off 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 with redundant power supply (TFC-1600), holds up to 16 TFC series Media Converters
- 3-year limited warranty

Intelligent 1000Base-T to 1000Base-LX Single-Mode SC Fiber Converter (70km/43.5miles)

TFC-1000S70

Specification

Hardware	
Standards	• IEEE802.3ab 1000Base-T, IEEE 802.3z 1000Base-LX
Supported Frame Size	• Standard Ethernet up to 10Kbytes
Network Media	• 1000Base-T : Cat. 6 EIA/TIA-568 100-ohm UPT/STP, up to 100m • 1000Base-LX : Single-mode fiber optic cable 9/125 μm or 10/125 μm, up to 70km
Protocol	• CSMA/CD
Ports	• 1 x 1000Base-T • 1 x 1000Base-LX (SC-type)
Dip Switch	• Fiber (forced/auto-negotiation), LLR (enable/disable)
Transfer Rate	• 2000Mbps (full-duplex)
Diagnostic LEDs	• Per Unit : power • Per Port : link/activity
Power Adapter	• 7.5V DC, 1A external power adapter
Power Consumption	• 2.7 Watts (max)
Dimensions	• 120 x 88 x 25mm (4.7 x 3.46 x 0.98 in.)
Weight	• 354g (12.5oz)
Temperature	• Operating : 0 ~ 40 C (32 ~ 104 F) • Storage : -25 ~ 70 C (-13 ~ 158 F)
Humidity	• Max. 90% (non-condensing)
Certifications	• CE, FCC

Package Contents

TFC-1000S70

Multi-Language Quick Installation Guide

Power Adapter (7.5V, 1A)

Related Products

TFC-1000MSC	Intelligent 1000Base-T to 1000Base-SX Multi-Mode SC Fiber Converter
TFC-1000S50	Intelligent 1000Base-T to 1000Base-LX Single-Mode SC Fiber Converter (50km/31miles)
TFC-1600	16-Bay Fiber Converter Chassis System

Contact 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

