



Intelligent 1000Base-T to 1000Base-SX Multi-Mode SC Fiber Converter TFC-1000MSC (C1.0R)

The TFC-1000MSC Intelligent Fiber Converter works with the TFC-1600 chassis system or as a standalone unit. This converter is a Multi Mode SC-Type fiber converter that supports SNMP and spans distances up to 550m (1,800 ft.). Ports include 1 x 1000Base-T (RJ-45) port and 1 x 1000Base-SX (SC-Type) port.

PRODUCT OVERVIEW

- SC-type multi-mode fiber port connects over distances of up to 550m (1800 ft.)
- 1000Base-T Gigabit copper port supports Full-Duplex mode
- Supports port level SNMP management
- Functions as a stand alone converter or with the TFC-1600 fiber chassis

FEATURES

- Compliant with IEEE 802.3ab 1000Base-T and IEEE 802.3z 1000Base-SX standards
- 1 x 1000Base-T RJ-45 port
- 1 x 1000Base-SX multi-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 FX port
- Monitor and configure Ethernet or Fiber's duplex mode, LLR, 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-SX Multi-Mode SC Fiber Converter

TFC-1000MSC (C1.0R)



SPECIFICATIONS

HARDWARE

Standard	<ul style="list-style-type: none"> • IEEE802.3ab 1000Base-T, IEEE 802.3z 1000Base-SX
Supported Frame Size	<ul style="list-style-type: none"> • Standard Ethernet up to 10Kbytes
Network Media	<ul style="list-style-type: none"> • 1000Base-TX : Cat. 6 EIA/TIA-568 100-ohm UPT/STP, up to 100m • 1000Base-SX : Multi-mode fiber optic cable 50/125 μm, up to 550m
Protocol	<ul style="list-style-type: none"> • CSMA / CD
Ports	<ul style="list-style-type: none"> • 1 x 1000Base-T • 1 x 1000Base-SX (SC-type)
Dip Switch	<ul style="list-style-type: none"> • Fiber (forced/auto-negotiation), LLR (enable/disable)
Transfer Rate	<ul style="list-style-type: none"> • 2000Mbps (full-duplex)
Diagnostic LED	<ul style="list-style-type: none"> • Per Unit : power • Per Port : link/activity
Power Adapter	<ul style="list-style-type: none"> • 7.5V DC, 1A external power adapter
Power Consumption	<ul style="list-style-type: none"> • 2.7 Watts (max)
Dimensions	<ul style="list-style-type: none"> • 120 x 88 x 25mm (4.7 x 3.46 x 0.98 in.)
Weight	<ul style="list-style-type: none"> • 354g (12.5oz)
Temperature	<ul style="list-style-type: none"> • Operating: 0° ~ 40° C (32° ~ 104° F) • Storage: -25° ~ 70° C (-13° ~ 158° F)
Humidity	<ul style="list-style-type: none"> • Max 90% (non-condensing)
Certification	<ul style="list-style-type: none"> • CE, FCC

Model Name	Media	Wavelength	Optical Output Power (dBm)		Optical Input Power (dBm)		Power Budget	Distance
			Min	Max	Min (Sensitivity)	Max		
TFC-1000MSC	MMF	850nm	-9.4	4	-12.5	-13.5	7.5	550m

Intelligent 1000Base-T to 1000Base-SX Multi-Mode SC Fiber Converter

TFC-1000MSC (C1.0R)



PACKAGE CONTENTS

TFC-1000MSC

Multi-Language Quick Installation Guide

Power Adapter (7.5V, 1A)

RELATED PRODUCTS

TFC-1000S20	Intelligent 1000Base-T to 1000Base-LX Single-Mode SC Fiber Converter (20 km / 12.4 miles)
TFC-1000S50	Intelligent 1000Base-T to 1000Base-LX Single-Mode SC Fiber Converter (50 km / 31 miles)
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

1-888-326-6061

