



1000Base-T to 1000Base-SX Multi-Mode Fiber Converter with SC-Type Connector TFC-1000MSC

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.

FEATURES

- Compliant with IEEE 1000Base-T and 1000Base-SX
- One 1000Base-T RJ-45 port
- One 1000Base-SX 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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TFC-1000MSC

SPECIFICATIONS

Hardware	
Standards	<ul style="list-style-type: none">• IEEE 1000Base-T and 1000Base-SX
Supported Frame Size	<ul style="list-style-type: none">• No limitation (Standard Ethernet and Jumbo Frame)
Network Media	<ul style="list-style-type: none">• 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
Wavelength	<ul style="list-style-type: none">• 850nm
Protocol	<ul style="list-style-type: none">• CSMA/CD
Ports	<ul style="list-style-type: none">• 1 x 1000Base-T• 1 x 1000Base-SX
Data Transfer Rate	<ul style="list-style-type: none">• 1000Mbps
Diagnostic LEDs	<ul style="list-style-type: none">• Power, Link/Activity, Full-Duplex, and Speed
Power Adapter	<ul style="list-style-type: none">• 7.5VDC, 1.5A (7.2 watts max.)
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">• 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-1000S20	1000Base-T to 1000Base-LX Single-Mode Fiber Converter (20Km) with SC-Type Connector
TFC-1000S50	1000Base-T to 1000Base-LX Single-Mode Fiber Converter (50Km) with SC-Type Connector
TFC-1000S70	1000Base-T to 1000Base-LX Single-Mode Fiber Converter (70Km) with SC-Type Connector

ORDERING INFORMATION

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