



## **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

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

## TFC-1000MSC

### SPECIFICATIONS

Hardware	
Standards	<ul style="list-style-type: none"><li>• IEEE 1000Base-T and 1000Base-SX</li></ul>
Supported Frame Size	<ul style="list-style-type: none"><li>• No limitation (Standard Ethernet and Jumbo Frame)</li></ul>
Network Media	<ul style="list-style-type: none"><li>• 1000Base-T: Cat. 5, EIA/TIA-568 100-ohm UTP/STP, up to 100 meters.</li><li>• 1000Base-SX: Multi-Mode fiber optic cable 50/125 <math>\mu\text{m}</math> up to 550 meters. 62.5/125 <math>\mu\text{m}</math> up to 220 meters</li></ul>
Wavelength	<ul style="list-style-type: none"><li>• 850nm</li></ul>
Protocol	<ul style="list-style-type: none"><li>• CSMA/CD</li></ul>
Ports	<ul style="list-style-type: none"><li>• 1 x 1000Base-T</li><li>• 1 x 1000Base-SX</li></ul>
Data Transfer Rate	<ul style="list-style-type: none"><li>• 1000Mbps</li></ul>
Diagnostic LEDs	<ul style="list-style-type: none"><li>• Power, Link/Activity, Full-Duplex, and Speed</li></ul>
Power Adapter	<ul style="list-style-type: none"><li>• 7.5VDC, 1.5A (7.2 watts max.)</li></ul>
Temperature	<ul style="list-style-type: none"><li>• Operating: 0° ~ 40° C (32° ~ 104° F)</li><li>• Storage: -25° ~ 70° C (-13° ~ 158° F)</li></ul>
Humidity	<ul style="list-style-type: none"><li>• Operating: 10% ~ 90%</li><li>• Storage: 5% ~ 90% (non-condensing)</li></ul>

### RELATED PRODUCTS

<b>TFC-1600</b>	16-Slot Chassis System for TFC series Fiber Converter
<b>TFC-1000MSC</b>	1000Base-T to 1000Base-SX Multi-Mode Fiber Converter with SC-Type Connector
<b>TFC-1000S20</b>	1000Base-T to 1000Base-LX Single-Mode Fiber Converter (20Km) with SC-Type Connector
<b>TFC-1000S50</b>	1000Base-T to 1000Base-LX Single-Mode Fiber Converter (50Km) with SC-Type Connector
<b>TFC-1000S70</b>	1000Base-T to 1000Base-LX Single-Mode Fiber Converter (70Km) with SC-Type Connector

### ORDERING INFORMATION

#### TRENDNET<sup>®</sup>

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