

# Gigabit Multimode Fiber to Ethernet Media Converter, 10/100BaseT to 100BaseFX-SC, 2km, 1310nm

MODEL NUMBER: N784-001-SC



### Highlights

- Convert UTP Ethernet to Fiber
- Supports Auto MDI/MDI-X
- Half or Full Duplex Operation
- Auto-Senses 10/100
- Supports Multimode 50/125 cable up to 2KM or 62.5/125 cable up to 550M

### Package Includes

- 10/100 Multimode Media Converter, UTP - SC
- External Power Supply with NEMA 1-15P Plug ( Input: 100-240V )
- Owner's Manual

### Description

Tripp Lite's N784-001-SC 10/100 Multimode Media Converter, is an economical way to extend the distance ( up to 2Km ) of network nodes by converting Cat5/6 UTP cables to Fiber Optic. The Media Converter features automatic MDI/MDI-X configuration, and the UTP port senses the network speed automatically as well. Dip switches allow half or full duplex operation on the fiber port. Power supplied by either AC-DC adapter, or USB connection ( switch selectable ).

### Features

- Connect 10BaseT/100BaseT UTP Ethernet to 100BaseFX Fiber Ethernet
- Auto MDI/MDI-X
- UTP port auto-senses network speed
- Switch selectable half or full duplex operation on the fiber port
- Fiber lengths up to 2Km
- 2 Power Choices - AC-DC Adapter or USB
- 5 LED Function lights
- Uses 62.5/125 or 50/125 Multimode cable
- 3.75"L x 2.75"W x 1"H
- Wavelength: 1310nm
- Supports Link Fault Pass-through (LFP) for easy tracing of network link failures
- Supports Multimode 50/125 cable up to 2KM or 62.5/125 cable up to 550M

## Specifications

OVERVIEW	
UPC Code	037332130891



Product Type	Fiber to Ethernet
Technology	Cat5/5e; Multimode
Mode Type	Multimode
<b>DISPLAY</b>	
Accessories (Included)	External Power Supply (Input: 100-240V, 50/60Hz, 0.5A; Output: 5V/2A)
<b>NETWORK</b>	
Network Ports	RJ45 (FEMALE); SC (FEMALE)
<b>POWER</b>	
AC Adapter	Input: 100-240V, 50/60Hz, 0.5A; Output: 5V, 1.2A
External Power Supply Input Specs (V / Hz / A)	100-240V, 50/60Hz, 1.2A
External Power Supply Output Specs (V / A)	5V, 2A
External Power Supply Cord Length (ft.)	4.53
External Power Supply Cord Length (m.)	1.38
DC Barrel Plug	OD: 5.5 x 2.5 x 11mm, Positive Pin, Negative Sleeve
External Power Supply Plug(s)	NEMA 1-15P North America
<b>USER INTERFACE, ALERTS &amp; CONTROLS</b>	
LED Indicators	PWR (Power LED), FX LNK/ACT (Fiber port connection indicator), FX FDX/COL (Full/half duplex indicator), TP LNK/ACT (Copper port connection indicator), TP 100 (10/100 Mbps Speed Indicator)
<b>PHYSICAL</b>	
Color	Black
Power Cord Color	Black
Shipping Dimensions (hwd / cm)	23.50 x 5.51 x 12.50
Shipping Dimensions (hwd / in.)	9.25 x 2.17 x 4.92
Shipping Weight (kg)	0.43
Shipping Weight (lbs.)	0.94
Unit Dimensions (hwd / in.)	1.00 x 2.95 x 3.74
Unit Packaging Type	Box
Unit Weight (lbs.)	1.00
Unit Weight (kg)	0.45
Housing	Metal



<b>ENVIRONMENTAL</b>	
Operating Temperature Range	32 to 122°F (0 to 50°C)
Storage Temperature Range	-4 to 158 F (-20 to 70 C)
Relative Humidity	5 to 90% RH, Non-Condensing
<b>COMMUNICATIONS</b>	
Network Compatibility	10 Mbps; 100 Mbps (Fast Ethernet)
Wavelength	1310nm
Network Speed Details	10 Mbps; 100 Mbps
Transmission Distance	2 km
IEEE Standards Supported	802.3u; 802.3x
Wavelength Division Multiplexing (WDM)	Yes
<b>CONNECTIONS</b>	
Side A - Connector 1	RJ45 (FEMALE)
Side B - Connector 1	SC DUPLEX (FEMALE)
<b>FEATURES &amp; SPECIFICATIONS</b>	
Data Transfer Rate	10 Mbps; 100 Mbps
Auto MDIX Support	Yes
DIN Mountable	No
Mounting Accessory Included	No
Working Mode	Full/Half Duplex
Optical Port	SC
<b>STANDARDS &amp; COMPLIANCE</b>	
External Power Supply Certifications	CE; FCC; cUL; WEEE
Certification & Compliance	CE (Europe); RoHS; FCC (USA)
<b>WARRANTY</b>	
Product Warranty Period (Worldwide)	2-year limited warranty

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