1000 Eaton Boulevard
Cleveland, OH 44122
United States

Gigabit Multimode Fiber to Ethernet Media Converter, 10/100/1000 to 1000BaseLX SC, 2km, 1310nm

MODEL NUMBER: **N785-001-SC**




An economical way to extend the distance up to 2 Km (1.2 Miles) of remote Gigabit network nodes by converting Cat5/6 UTP Ethernet to Fiber Optic while still maintaining the existing infrastructure.

Highlights

- Converts UTP Gigabit Ethernet to Fiber Optic
- Cost-effective solution for extending network distance up to 2 km
- Automatic MDI/MDI-X configuration
- Half or Full Duplex Operation
- Auto-Senses 10 / 100 / 1000
- Supports Multimode 50/125 cable up to 2km or 62.5/125 cable up to 400M

Package Includes

- N785-001-SC 10/100/1000 to 1000BaseLX Gigabit Multimode Media Converter
- External Power Supply with NEMA 1-15P Plug (Input: 110-265V, 50/60Hz, 0.2A; Output: 5V, 2A)
- Owners Manual

Description

Tripp Lite's N785-001-SC 10/100/1000 Gigabit 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. With advanced features such as selectable half or full duplex operation on the fiber port, 1300 nm wavelength, automatic MDI/MDI-X configuration and link fault pass-through, the N785-001-SC supplies superior signal quality and gives you ultimate network control. The N785-001-SC is compatible with both 62.5/125 and 50/125 multimode fiber cable.

Features

- Connect 10/100/1000 UTP Ethernet to 1000BaseLX Fiber Ethernet
- Auto MDI/MDI-X
- UTP port auto-senses network speed
- Fiber lengths up to 2Km
- 6 LED Function lights
- Uses 62.5/125 or 50/125 Multimode cable
- 3.75"L x 2.75"W x 1"H
- Wavelength: 1300nm
- RoHS Compliant
- Supports Multimode 50/125 cable up to 2km or 62.5/125 cable up to 400M

Specifications

OVERVIEW	
UPC Code	037332153777

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Product Type	Fiber to Ethernet
Technology	Cat5/5e; Cat6; Multimode
Mode Type	Multimode
DISPLAY	
Accessories (Included)	External Power Supply (Input: 100-240V, 50/60Hz, 0.5A; Output: 5V/2A)
NETWORK	
Network Ports	RJ45 (FEMALE); SC (FEMALE)
INPUT	
AC Power Adapter Plug(s)	NEMA 1-15P North America
AC Power Adapter Input Specs (V / Hz / A)	100-240V / 50/60Hz / 1.2A
AC Power Adapter Output Specs (V / A)	5V / 2A
AC Power Adapter Cord Length (ft.)	4.53
AC Power Adapter Cord Length (m)	1.38
POWER	
Power Source Type	AC Adapter
AC Adapter	Input: 100-240V, 50/60Hz, 0.5A; Output: 5V, 1.2A
DC Barrel Plug	OD: 5.5 x 2.5 x 11mm, Positive Pin, Negative Sleeve
USER INTERFACE, ALERTS & CONTROLS	
LED Indicators	PWR (Power LED), L/A (Fiber port connection indicator), SD (Fiber signal indicator), SPD (Network speed), TP-L/A (Copper port connection indicator), FDX/COL (Full Duplex/Half Duplex)
PHYSICAL	
Color	Black
Power Cord Color	Black
Shipping Dimensions (hwd / in.)	9.25 x 2.17 x 4.92
Shipping Dimensions (hwd / cm)	23.50 x 5.51 x 12.50
Shipping Weight (lbs.)	0.94
Shipping Weight (kg)	0.43
Unit Dimensions (hwd / in.)	1.020 x 2.760 x 3.700
Unit Packaging Type	Box
Unit Weight (lbs.)	1.00
Unit Weight (kg)	0.45

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Housing	Metal
ENVIRONMENTAL	
Operating Temperature Range	32° to 140°F (0° to 60°C)
Storage Temperature Range	-4° to 158°F (-20° to 70°C)
Relative Humidity	5% to 90% RH, Non-Condensing
COMMUNICATIONS	
Network Compatibility	10 Mbps; 100 Mbps (Fast Ethernet); 1 Gbps (Gigabit)
Network Speed Details	10 Mbps; 100 Mbps; 1000 Mbps
Wavelength	1310nm
Transmission Distance	2 km
IEEE Standards Supported	802.3; 802.3u; 802.3ab; 802.3z
Wavelength Division Multiplexing (WDM)	Yes
CONNECTIONS	
Side A - Connector 1	RJ45 (FEMALE)
Side B - Connector 1	SC DUPLEX (FEMALE)
FEATURES & SPECIFICATIONS	
Data Transfer Rate	1 Gbps; 10 Mbps; 100 Mbps
Mounting Accessory Included	No
Working Mode	Full/Half Duplex
Auto MDIX Support	Yes
DIN Mountable	No
Optical Port	SC
STANDARDS & COMPLIANCE	
External Power Supply Certifications	CE; FCC; cUL; WEEE
Product Compliance	RoHS; CE (Europe); FCC (USA)
WARRANTY & SUPPORT	
Product Warranty Period (Worldwide)	2-year limited warranty

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