

Gigabit Multimode Fiber to Ethernet Media Converter, 10/100/1000 SC, 550 m, 850 nm

MODEL NUMBER: N785-001-SC-MM



Extend an Ethernet connection up to 550 Meters over Multimode Fiber

Description

Tripp Lite's N785-001-SC-MM Gigabit Multimode Fiber to Ethernet Media Converter is an economical way to extend the distance of network nodes up to 550 Meters by converting Cat5e UTP cables to Multimode Fiber Optic. The Media Converter features automatic MDI/MDI-X configuration, and the UTP port senses the network speed automatically. Auto-detects half or full duplex operation on the fiber port. Power supplied by small form factor AC adapter.

Features

- 10/100/1000 UTP to Multimode Fiber converter
- Up to 550M (1800 ft) range
- Auto-detects Full / Half Duplex Transfer Mode
- Auto Negotiation MDI / MDI-X
- 6 performance monitoring LEDs
- 850nm wavelength
- Small, compact design
- Supports Multimode 50/125 cable up to 550M or 62.5/125 cable up to 400M

Specifications

OVERVIEW	
UPC Code	037332184146
Product Type	Fiber to Ethernet
Technology	Cat5/5e; Cat6; Multimode
Mode Type	Multimode

Highlights

- Extends a Gigabit Ethernet signal up to 550M over Multimode Fiber Optic Cable
- Auto detects Full/Half Duplex Transfer Mode
- Supports Multimode 50/125 cable up to 550M or 62.5/125 cable up to 400M

System Requirements

- 10/100/1000 Ethernet Network
- Multimode SC Fiber cable

Package Includes

- N785-001-SC-MM Gigabit Multimode Fiber to Ethernet Media Converter, 550 m, 850 nm
- External Power Supply with NEMA 1-15P Plug (Input: 100-240V, 50/60Hz; Output: 5V, 1.2A)
- User Manual



Tripp Lite
1111 W. 35th Street
Chicago, IL 60609 USA
Telephone: 773.869.1234
www.tripplite.com

DISPLAY	
Accessories (Included)	External Power Supply (Input: 100-240V, 50/60Hz, 0.5A; Output: 5V/2A)
NETWORK	
Network Ports	RJ45 (FEMALE); SC (FEMALE)
POWER	
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
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 / cm)	23.01 x 5.51 x 12.50
Shipping Dimensions (hwd / in.)	9.06 x 2.17 x 4.92
Shipping Weight (kg)	0.39
Shipping Weight (lbs.)	0.86
Unit Dimensions (hwd / in.)	1.00 x 4.70 x 2.75
Unit Dimensions (hwd / cm)	2.54 x 11.94 x 6.99
Unit Packaging Type	Box
Unit Weight (lbs.)	1.00
Unit Weight (kg)	0.45
Housing	Metal
ENVIRONMENTAL	
Operating Temperature Range	32 to 140 F (0 to 60 C)



Tripp Lite
1111 W. 35th Street
Chicago, IL 60609 USA
Telephone: 773.869.1234
www.tripplite.com

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	850nm
Transmission Distance	550 m
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
Auto MDIX Support	Yes
DIN Mountable	No
Mounting Accessory Included	No
Working Mode	Full/Half Duplex
Optical Port	SC
STANDARDS & COMPLIANCE	
External Power Supply Certifications	CE; FCC; cUL; WEEE
Product Compliance	RoHS; CE (Europe); FCC (USA)
WARRANTY	
Product Warranty Period (Worldwide)	2-year limited warranty

© 2022 Tripp Lite. All rights reserved. All product and company names are trademarks or registered trademarks of their respective holders. Use of them does not imply any affiliation with or endorsement by them. Tripp Lite has a policy of continuous improvement. Specifications are subject to change without notice. Tripp Lite uses primary and third-party agencies to test its products for compliance with standards. See a list of Tripp Lite's testing agencies: <https://www.tripplite.com/products/product-certification-agencies>