

## 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



| <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), 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) |
| <b>PHYSICAL</b>                                |  |
| Color  | Black  |
| Power Cord Color                               | Black  |
| Shipping Dimensions (hwd / in.)                | 9.06 x 2.17 x 4.92   |
| Shipping Dimensions (hwd / cm)                 | 23.01 x 5.51 x 12.50   |
| Shipping Weight (lbs.)                         | 0.86   |
| Shipping Weight (kg)                           | 0.39   |
| 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  |
| <b>ENVIRONMENTAL</b>                           |  |
| 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                         |
| <b>COMMUNICATIONS</b>                  |   |
| 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   |
| <b>CONNECTIONS</b>                     |   |
| Side A - Connector 1                   | RJ45 (FEMALE)                                       |
| Side B - Connector 1                   | SC DUPLEX (FEMALE)                                  |
| <b>FEATURES &amp; SPECIFICATIONS</b>   |   |
| 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  |
| <b>STANDARDS &amp; COMPLIANCE</b>      |   |
| External Power Supply Certifications   | CE; FCC; cUL; WEEE                                  |
| Product Compliance                     | RoHS; CE (Europe); FCC (USA)                        |
| <b>WARRANTY</b>                        |   |
| Product Warranty Period (Worldwide)    | 2-year limited warranty                             |

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