

## Gigabit Multimode Fiber to Ethernet Media Converter, 10/100/1000 SC, International Power Supply, 850 nm, 550M (1804.46 ft.)

MODEL NUMBER: N785-INT-SC-MM



Extends your 10/100/1000 Mbps Gigabit Ethernet connection up to 550 m (1,804 ft.) using fast SC multimode fiber optic cabling.

### Features

#### Extends a Gigabit Ethernet Signal up to 550 m (1804 ft.) Using SC Multimode Cable

- Converts UTP copper connection to duplex fiber over long distance, then back to copper at opposite end while auto-sensing the proper speed
- Fiber optic technology more effective than Cat5e/6 over long distances
- Supports 50/125 multimode fiber optic cabling up to 550 m
- Supports 62.5/125 multimode fiber optic cabling up to 400 m
- Connection requires an N785-INT-SC-MM at both ends

#### Advanced Monitoring and Control

- Supports automatic sensing of network speed
- Supports both full-duplex and half-duplex operation
- Supports automatic MDI/MDI-X configuration
- 6 LEDs indicate network and fiber link status at a glance

#### Plug-and-Play Operation

- No additional software or drivers required
- Compact unit sets up in minutes
- Durable metal housing designed to last
- Power supply includes international plug adapters for North America, U.K., Europe and Australia

## Specifications

### Highlights

- RJ45 jack supports auto-MDI/MDI-X to bridge various network devices
- Supports both full- and half-duplex operation
- LEDs indicate Ethernet and fiber link status at a glance
- Includes North America, U.K., Europe and Australia plug adapters
- Plug-and-play operation with no software or drivers required

### System Requirements

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

### Package Includes

- N785-INT-SC-MM Gigabit Multimode Fiber to Ethernet Media Converter, 850 nm, 550 m
- External power supply (Input: 100–240V, 50/60 Hz, 0.35A; Output: 5V 2A)
- (4) International plug adapters (North America, U.K., Europe, Australia)
- Owner's manual

| <b>OVERVIEW</b>                                |   |
|--|---|
| UPC Code                                       | 037332205674  |
| Product Type                                   | Fiber to Ethernet   |
| Technology                                     | Cat5/5e; Cat6; Multimode  |
| Mode Type                                      | Multimode   |
| <b>DISPLAY</b>                                 |   |
| Accessories (Included)                         | External Power Supply (Input: 100-240V, 50/60Hz, 0.35A; Output: 5V/2A)  |
| <b>NETWORK</b>                                 |   |
| Network Ports                                  | RJ45 (FEMALE); SC (FEMALE)  |
| <b>POWER</b>                                   |   |
| Power Source Type                              | AC Adapter  |
| External Power Supply Plug(s)                  | BS 1363 UK; AS/NZS 3112 Australia; CEE 7/7 Schuko; NEMA 1-15P North America   |
| External Power Supply Input Specs (V / Hz / A) | 100-240V / 50/60HZ / 0.35A  |
| 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  |
| AC Adapter                                     | Input: 100-240V, 50/60Hz, 0.35A; Output: 5V, 2A   |
| DC Barrel Plug                                 | OD: 5.5 x 2.1 x 7.5mm, Positive Pin, Negative Sleeve  |
| <b>USER INTERFACE, ALERTS &amp; CONTROLS</b>   |   |
| LED Indicators                                 | PWR (Power LED), FP L/A (Fiber port connection indicator), FP SD (Fiber signal indicator), TP SPD (100/1000Mbps speed indicator), TP L/A (Copper port connection indicator), TP FDX/COL (Full/Half-Duplex Mode indicator) |
| <b>PHYSICAL</b>                                |   |
| Color  | Black   |
| Power Cord Color                               | Black   |
| Shipping Dimensions (hwd / in.)                | 2.17 x 9.06 x 4.92  |
| Shipping Dimensions (hwd / cm)                 | 5.51 x 23.01 x 12.50  |
| Shipping Weight (lbs.)                         | 0.97  |
| Shipping Weight (kg)                           | 0.44  |
| Unit Dimensions (hwd / in.)                    | 0.000 x 0.000 x 0.000   |
| 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; CCC; GS; TUV; LPS; cUL                     |
| Product Compliance                     | RoHS; CE (Europe); FCC (USA)                        |
| <b>WARRANTY &amp; SUPPORT</b>          |   |
| Product Warranty Period (Worldwide)    | 2-year limited warranty                             |



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