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

MODEL NUMBER: **N785-INT-LC-MM**







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

## Features

**Extends a Gigabit Ethernet Signal up to 550 m (1,804 ft.) Using LC 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-LC-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

## 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 LC Fiber Cable

## Package Includes

- N785-INT-LC-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

# Specifications

| | |
|---|---|
| **OVERVIEW** | |
| UPC Code | 037332205681 |
| Product Type | Fiber to Ethernet |
| Technology | Cat5/5e; Cat6; Multimode |
| Mode Type | Multimode |
| **DISPLAY** | |
| Accessories (Included) | External Power Supply (Input: 100-240V, 50/60Hz, 0.35A; Output: 5V/2A) |
| **NETWORK** | |
| Network Ports | RJ45 (FEMALE); LC (FEMALE) |
| **INPUT** | |
| AC Power Adapter Plug(s) | BS 1363 UK; AS/NZS 3112 Australia; CEE 7/7 Schuko; NEMA 1-15P North America |
| AC Power Adapter Input Specs (V / Hz / A) | 100-240V / 50/60HZ / 0.35A |
| 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, 0.35A; Output: 5V, 2A |
| DC Barrel Plug | OD: 5.5 x 2.1 x 7.5mm, Positive Pin, Negative Sleeve |
| **CONNECTIONS** | |
| Side A - Connector 1 | RJ45 (FEMALE) |
| Side B - Connector 1 | LC DUPLEX (FEMALE) |
| **USER INTERFACE, ALERTS & CONTROLS** | |
| 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) |
| **PHYSICAL** | |
| 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.) | 0.99 |

| | |
|---|---|
| Shipping Weight (kg) | 0.45 |
| 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 |
| **ENVIRONMENTAL** | |
| 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 |
| **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 |
| **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 | LC |
| **STANDARDS & COMPLIANCE** | |
| External Power Supply Certifications | CE; FCC; CCC; GS; TUV; LPS; cUL |
| Product Compliance | RoHS; CE (Europe); FCC (USA) |
| **WARRANTY & SUPPORT** | |
| Product Warranty Period (Worldwide) | 2-year limited warranty |

1000 Eaton Boulevard
Cleveland, OH 44122
United States
https://tripplite.eaton.com

© 2024 Eaton. All Rights Reserved.
Eaton is a registered trademark. All other trademarks
are the property of their respective owners.