

# 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

# **Specifications**

#### **Highlights**

- RJ45 jack supports auto-MDI/MDI-X to bridge various network devices
- Supports both full- and halfduplex 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



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	
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	Вох	
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	
CONNECTIONS		
Side A - Connector 1	RJ45 (FEMALE)	
Side B - Connector 1	LC 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	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	







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