10/100/1000 LC Multimode Fiber to Ethernet Media Converter, 550M, 850nm

MODEL NUMBER: **N785-001-LC-MM**











Extend an Ethernet connection up to 550 meters over Multimode Fiber

Highlights

- Extends a Gigabit Ethernet signal up to 550 meters 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 LC Fiber Cable

Package Includes

- 10/100/1000 LC Multimode Media Converter, 550M, 850nm
- External Power Supply with NEMA 1-15P Plug (Input: 100-240V, 50/60Hz; Output: 5V, 1.2A)

Description

The N785-001-LC-MM 10/100/1000 to Multimode Media Converter (RJ45 to LC) 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 550 Meters (1800ft) 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	037332183927
Product Type	Fiber to Ethernet
Technology	Cat5/5e; Cat6; Multimode
Mode Type	Multimode
DISPLAY	

Accessories (Included)	External Power Supply (Input: 100-240V, 50/60Hz, 0.5A; Output: 5V/2A)
NETWORK	
Network Ports	RJ45 (FEMALE); LC (FEMALE)
INPUT	
AC Power Adapter Plug(s)	NEMA 1-15P North America
AC Power Adapter Input Specs (V / Hz / A)	100-240V / 50/60Hz / 1.2A
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, 0.5A; Output: 5V, 1.2A
DC Barrel Plug	OD: 5.5 x 2.5 x 11mm, 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), 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 / in.)	3.70 x 1.02 x 2.76
Shipping Dimensions (hwd / cm)	9.40 x 2.59 x 7.01
Shipping Weight (lbs.)	0.95
Shipping Weight (kg)	0.43
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 Dimensions (hwd / mm)	25.4 x 93.98 x 71.12
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)
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
IEEE Standards Supported	802.3; 802.3u; 802.3ab; 802.3z
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; cUL; WEEE
Product Compliance	RoHS; CE (Europe); FCC (USA)
WARRANTY & SUPPORT	
Product Warranty Period (Worldwide)	2-year limited warranty

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