

# 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

## Description

Tripp Lite's 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 550M 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

## 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)



**Tripp Lite**  
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DISPLAY	
Accessories (Included)	External Power Supply (Input: 100-240V, 50/60Hz, 0.5A; Output: 5V/2A)
NETWORK	
Network Ports	RJ45 (FEMALE); LC (FEMALE)
POWER	
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
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 / cm)	9.40 x 2.59 x 7.01
Shipping Dimensions (hwd / in.)	3.70 x 1.02 x 2.76
Shipping Weight (kg)	0.43
Shipping Weight (lbs.)	0.95
Unit Dimensions (hwd / in.)	1.00 x 3.70 x 2.8
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	



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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
IEEE Standards Supported	802.3; 802.3u; 802.3ab; 802.3z
Wavelength Division Multiplexing (WDM)	Yes
<b>CONNECTIONS</b>	
Side A - Connector 1	RJ45 (FEMALE)
Side B - Connector 1	LC 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	LC
<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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