

# 10/100 SC Singlemode Fiber to Ethernet Media Converter, 15km, 1310nm

MODEL NUMBER: N784-001-SC-15



Extend an Ethernet connection up to 15km over Singlemode Fiber

## Description

Tripp Lite's N784-001-SC-15, 10/100 to Singlemode Media Converter ( RJ45 to SC ), is an economical way to extend the distance ( up to 15km ) of network nodes by converting Cat5e UTP cables to Singlemode Fiber Optic. The Media Converter features automatic MDI/MDI-X configuration, and the UTP port senses the network speed automatically as well. Auto-detects half or full duplex operation on the fiber port. Power supplied by small form factor AC adapter.

## Features

- 10/100 UTP to Singlemode Fiber converter
- Up to 15km ( 9 mile ) range
- Auto-detects Full / Half Duplex Transfer Mode
- Auto Negotiation MDI / MDI-X
- 6 performance monitoring LEDs
- 1310nm wavelength
- Small, compact design
- Supports Singlemode cable up to 15 KM

## Specifications

OVERVIEW	
UPC Code	037332184139
Product Type	Fiber to Ethernet
Technology	Cat5/5e; Singlemode
Mode Type	Singlemode

## Highlights

- Extends a 100Mb Ethernet signal up to 15km over Singlemode Fiber Optic Cable
- Auto detects Full/Half Duplex Transfer Mode
- Supports Singlemode cable up to 15 KM

## System Requirements

- 10/100 Ethernet Network
- Singlemode SC Fiber cable

## Package Includes

- N784-001-SC-15 Media Converter
- External Power Supply with NEMA 1-15P Plug (Input: 100-240V, 50/60Hz; Output: 5V, 1.2A)
- Owner's Manual



**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); SC (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)	0.20
Shipping Weight (lbs.)	0.44
Unit Dimensions (hwd / in.)	1.00 x 4.70 x 2.75
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	-4 to 140°F (-20 to 60°C)



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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)
Wavelength	1310nm
Network Speed Details	10 Mbps; 100 Mbps
Transmission Distance	15 km
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	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>	
Certifications	CE, FCC, RoHS
External Power Supply Certifications	CE; FCC; cUL; WEEE
<b>WARRANTY</b>	
Product Warranty Period (Worldwide)	2-year limited warranty

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