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

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

Description

The N784-001-SC-15 10/100 to Singlemode Media Converter (RJ45 to SC) is an economical way to extend the distance of network nodes up to 15 kilometers 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
DISPLAY	

Accessories (Included)	External Power Supply (Input: 100-240V, 50/60Hz, 0.5A; Output: 5V/2A)
NETWORK	
Network Ports	RJ45 (FEMALE); SC (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	SC 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.)	2.00 x 9.10 x 5.00
Shipping Dimensions (hwd / cm)	5.08 x 23.11 x 12.70
Shipping Weight (lbs.)	0.40
Shipping Weight (kg)	0.18
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	-4° to 140°F (-20° 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)
Network Speed Details	10 Mbps; 100 Mbps
Wavelength	1310nm
Transmission Distance	15 km
Wavelength Division Multiplexing (WDM)	Yes
FEATURES & SPECIFICATIONS	
Data Transfer Rate	10 Mbps; 100 Mbps
Mounting Accessory Included	No
Working Mode	Full/Half Duplex
Auto MDIX Support	Yes
DIN Mountable	No
Optical Port	SC
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

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

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