

Hardened Copper to Fiber Media Converter - 10/100 Mbps, RJ45/SC Multimode, -10° to 60°C, 2 km (1.2 mi.)

MODEL NUMBER: N784-H01-SCMM











Extends a 10/100 Mbps Ethernet network connection over SC duplex multimode fiber optic cable up to 2 kilometers.

Features

Extends a Network Connection up to 2 km over SC Multimode Fiber Optic Cable

This network media converter converts a copper Ethernet signal to a multimode fiber optic signal and extends it to a second network device up to two kilometers (1.2 miles) away. Because copper Cat5e/6 cables are limited to only 100 meters, it is more effective to couple the N784-H01-SCMM with multimode fiber cable to reach hubs, switches and other 10/100Base-TX/FX network devices located farther away. Auto-negotiation and automatic MDI/MDI-X configuration seamlessly connect devices without crossover cabling.

Monitor Your Installation with Link Fault Signaling and Loop Back Functions

Determine the health of your network connection via the Link Fault Signaling (LFS) and Loop Back functions. The LFS LED indicates when a copper or fiber cable has been severed or another cause of disruption in service has occurred. The Local Loop Back (LLB) and Remote Loop Back (RLB) functions ensure copper and fiber cables have been correctly installed. Use the DIP switches to control each function or turn them on or off.

LEDs Indicate Installation Performance and Diagnostic Functions

Easy-to-read LEDs on the side of the unit indicate essential status information, including network speed and connection, LFS diagnostics and unit power.

Protective Metal Housing Built to Withstand a Variety of Hazards

The hardened aluminum case is designed to operate in extreme temperatures ranging from -10 to 60 degrees Celsius (14 to 140 degrees Fahrenheit). It is protected from electrostatic discharge (ESD), radio frequency interference (RFI) and power surges. Hardware is included for wall or DIN mounting.

Works in Tandem with Tripp Lite's N785-CH12 Chassis

House and power up to 12 Tripp Lite media converters, including the N784-H01-SCMM, using the N785-CH12 12-port chassis (sold separately) to create an organized installation.

TAA-Compliant for GSA Schedule Purchases

The N784-H01-SCMM is compliant with the Federal Trade Agreements Act (TAA), which makes it eligible

Highlights

- Extends up to 100 Mbps of data to a network device located up to 2 km away
- Automatic MDI/MDI-X configuration connects devices without crossover cabling
- Hardened aluminum housing withstands operating temperature range of -10° to 60°C
- LEDs indicate Ethernet connection and various statuses, including data transfer speed
- Compliant with the Federal Trade Agreements Act (TAA) for GSA Schedule purchases

Package Includes

- N784-H01-SCMM Media Converter
- · L-shaped bracket
- Rubber foot
- SC connector cap
- External power supply with NEMA 1-15P plug (Input: 100–240VAC, 50/60 Hz, 0.5A; Output: 12VDC 1.5A)
- DIN rail kit
- Wall-mounting hardware
- Quick Start Guide



for GSA (General Services Administration) Schedule and other federal procurement contracts.

Specifications

OVERVIEW			
UPC Code	037332267016		
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: 12V/1.5A), Mounting Bracket, Mounting Hardware, DIN Rail, SC Connector Cap, L-Shape Holder, Rubber Foot		
NETWORK			
Network Ports	RJ45 (FEMALE); SC (FEMALE)		
INPUT			
Nominal Input Voltage(s) Supported	120V AC; 240V AC		
POWER			
Power Source Type	AC Adapter		
External Power Supply Plug(s)	NEMA 1-15P North America		
External Power Supply Input Specs (V / Hz / A)	100-240V / 50/60Hz / 0.5A		
External Power Supply Output Specs (V / A)	12V / 1.5A		
External Power Supply Cord Length (ft.)	3.94		
External Power Supply Cord Length (m.)	1.2		
AC Adapter	Input: 100-240V, 50/60Hz, 0.5A; Output: 12V, 1.5A		
DC Barrel Plug	OD: 5.5 x 2.5 x 11mm, Positive Pin, Negative Sleeve		
Power Consumption (Watts)	1.80		
USER INTERFACE, ALERTS & CONTROLS			
LED Indicators	PWR(Power LED), ALM (LFS function indicator), Fiber - 100 (For Ethernet speed 100Mbps), LNK/ACT (Fiber port data transmitting/receiving), RJ45 - 100 (For RJ45 speed 10/100Mbps), LNK/ACT (For Copper port data transmitting/receiving)		
PHYSICAL	PHYSICAL		



Power Cord Color Black Unit Dimensions (thwd / in.) 0.920 x 2.910 x 4.300 Unit Dimensions (thwd / cm) 2.24 x 7.38 x 10.92 Unit Packaging Type Box Box Unit Weight (kg) 0.5267 Unit Weight (kg) 0.24 Unit Weight (kg) 0.25 Un		
Unit Dimensions (hwd / in.) Unit Dimensions (hwd / cm) 2.34 x 7.38 x 10.92 Unit Packaging Type Box Unit Weight (lbs.) 0.5267 Unit Weight (kg) 0.24 Housing Metal ENVIRONMENTAL Operating Temperature Range 14 to 140F (-10 to 80C) Storage Temperature Range 45% to 95% RH, Non Condensing COMMUNICATIONS Network Compatibility 10 Mbps: 100 Mbps (Fast Ethernet) Network Speed Details 1310rm 17ansmission Distance 2 km EEE Standards Supported 802.3: 802.3u Wavelength Division Multiplexing Ves CONNECTIONS Side A - Connector 1 SC DUPLEX (FEMALE) Side B - Connector 1 SC DUPLEX (FEMALE) Side B - Connector 1 SC DUPLEX (FEMALE) Side A - Connector 1 SC DUPLEX (FEMALE) Side B - Connector 1 SC DUPLEX (FEMALE) Side B - Connector 1 SC DUPLEX (FEMALE) Side Auto MDIX Support Ves Mounting Accessory Included Yes Mounting Accessory Included Yes STANDARDS & COMPLIANCE External Power Supply Certifications FCC; LPS; UL; WEEE	Color	Black
Unit Dimensions (hwd / cm)	Power Cord Color	Black
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	STANDARDS & COMPLIANCE	
Product Compliance RoHS; CE (Europe); FCC (USA); Trade Agreements Act (TAA)	External Power Supply Certifications	FCC; LPS; UL; WEEE
	Product Compliance	RoHS; CE (Europe); FCC (USA); Trade Agreements Act (TAA)



WARRANTY & SUPPORT	
Product Warranty Period (Worldwide)	2-year limited warranty



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