Gigabit Multimode Fiber to Ethernet Media Converter, 10/100BaseT to 100BaseFX-SC, 2km, 1310nm

MODEL NUMBER: **N784-001-SC**

Description

The N784-001-SC 10/100 Multimode Media Converter is an economical way to extend the distance (up to 2 kilometers) of network nodes by converting Cat5/6 UTP cables to Fiber Optic. The Media Converter features automatic MDI/MDI-X configuration, and the UTP port senses the network speed automatically as well. DIP switches allow half or full duplex operation on the fiber port. Power supplied by either AC-DC adapter or USB connection (switch selectable).

Features

- Connect 10BaseT/100BaseT UTP Ethernet to 100BaseFX Fiber Ethernet
- Auto MDI/MDI-X
- UTP port auto-senses network speed
- Switch selectable half or full duplex operation on the fiber port
- Fiber lengths up to 2Km
- 2 Power Choices - AC-DC Adapter or USB
- 5 LED Function lights
- Uses 62.5/125 or 50/125 Multimode cable
- 3.75"L x 2.75"W x 1"H
- Wavelength: 1310nm
- Supports Link Fault Pass-through (LFP) for easy tracing of network link failures
- Supports Multimode 50/125 cable up to 2KM or 62.5/125 cable up to 550M

Specifications

OVERVIEW	
UPC Code	037332130891

Product Type	Fiber to Ethernet
Technology	Cat5/5e; 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); 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

USER INTERFACE, ALERTS & CONTROLS	
LED Indicators	PWR (Power LED), FX LNK/ACT (Fiber port connection indicator), FX FDX/COL (Full/half duplex indicator), TP LNK/ACT (Copper port connection indicator), TP 100 (10/100 Mbps Speed Indicator)

PHYSICAL	
Color	Black
Power Cord Color	Black
Shipping Dimensions (hwd / in.)	9.25 x 2.17 x 4.92
Shipping Dimensions (hwd / cm)	23.50 x 5.51 x 12.50
Shipping Weight (lbs.)	0.94
Shipping Weight (kg)	0.43
Unit Dimensions (hwd / in.)	1.020 x 2.760 x 3.700
Unit Packaging Type	Box
Unit Weight (lbs.)	1.00
Unit Weight (kg)	0.45

Housing	Metal
ENVIRONMENTAL	
Operating Temperature Range	32° to 122°F (0° to 50°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	2 km
IEEE Standards Supported	802.3u; 802.3x
Wavelength Division Multiplexing (WDM)	Yes
CONNECTIONS	
Side A - Connector 1	RJ45 (FEMALE)
Side B - Connector 1	SC DUPLEX (FEMALE)
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