Gigabit Multimode Fiber to Ethernet Media Converter, 10/100/1000 SC, International Power Supply, 1310 nm, 2,000 m (6,561 ft.)

MODEL NUMBER: **N785-INT-SC**









Extends your 10/100/1000 Mbps Gigabit Ethernet connection up to 2,000 m (6,561 ft.) using fast SC multimode fiber optic cabling.

Highlights

- RJ45 jack supports auto-MDI/MDI-X to bridge various network devices
- Supports both full- and half-duplex operation
- LEDs indicate Ethernet and fiber link status at a glance
- Includes North America, U.K., Europe and Australia plug adapters
- Plug-and-play operation with no software or drivers required

Package Includes

- N785-INT-SC Gigabit Multimode Fiber to Ethernet Media Converter, 1310 nm, 2,000 m
- External power supply (Input: 100–240V, 50/60 Hz, 0.35A; Output: 5V 2A)
- (4) International plug adapters (North America, U.K., Europe, Australia)
- Owner's manual

Features

Extends a Gigabit Ethernet Signal up to 2,000 m (1804 ft.) Using SC Multimode Cable

- Converts UTP copper connection to duplex fiber over long distance, then back to copper at opposite end while auto-sensing the proper speed
- Fiber optic technology more effective than Cat5e/6 over long distances
- Supports 50/125 multimode fiber optic cabling up to 2,000 m
- Supports 62.5/125 multimode fiber optic cabling up to 400 m
- Connection requires an N785-INT-SC at both ends

Advanced Monitoring and Control

- Supports automatic sensing of network speed
- Supports both full-duplex and half-duplex operation
- Supports automatic MDI/MDI-X configuration
- 6 LEDs indicate network and fiber link status at a glance

Plug-and-Play Operation

- No additional software or drivers required
- Compact unit sets up in minutes
- Durable metal housing designed to last
- Power supply includes international plug adapters for North America, U.K., Europe and Australia

Specifications

OVERVIEW	
UPC Code	037332205667
Product Type	Fiber to Ethernet
Technology	Cat5/5e; Cat6; Multimode
Mode Type	Multimode
DISPLAY	
Accessories (Included)	External Power Supply (Input: 100-240V, 50/60Hz, 0.35A; Output: 5V/2A)
NETWORK	
Network Ports	RJ45 (FEMALE); SC (FEMALE)
INPUT	
AC Power Adapter Plug(s)	BS 1363 UK; AS/NZS 3112 Australia; CEE 7/7 Schuko; NEMA 1-15P North America
AC Power Adapter Input Specs (V / Hz / A)	100-240V / 50/60HZ / 0.35A
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, 0.35A; Output: 5V, 2A
DC Barrel Plug	OD: 5.5 x 2.1 x 7.5mm, 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), FP L/A (Fiber port connection indicator), FP SD (Fiber signal indicator), TP SPD (100/1000Mbps speed indicator), TP L/A (Copper port connection indicator), TP FDX/COL (Full/Half-Duplex Mode indicator)
PHYSICAL	
Color	Black
Power Cord Color	Black
Shipping Dimensions (hwd / in.)	2.17 x 9.06 x 4.92
Shipping Dimensions (hwd / cm)	5.51 x 23.01 x 12.50
Shipping Weight (lbs.)	0.95

Shipping Weight (kg)	0.43
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	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
COMMUNICATIONS	
Network Compatibility	10 Mbps; 100 Mbps (Fast Ethernet); 1 Gbps (Gigabit)
Network Speed Details	10 Mbps; 100 Mbps; 1000 Mbps
Wavelength	1310nm
Transmission Distance	2 km
Wavelength Division Multiplexing (WDM)	Yes
FEATURES & SPECIFICATIONS	
Data Transfer Rate	1 Gbps; 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; CCC; GS; TUV; LPS; cUL
Product Compliance	RoHS; CE (Europe); FCC (USA)
WARRANTY & SUPPORT	
Product Warranty Period (Worldwide)	2-year limited warranty

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