Gigabit Multimode Fiber to Ethernet Media Converter, POE+, International Power Cables, 10/100/1000 SC, 1310 nm, 2 km (1.2 mi.)

MODEL NUMBER: **N785-INT-PSCMM2**







Extends your copper Gigabit Ethernet network connection up to 2 km over SC fiber optic cable with the addition of PoE.

Features

Extends Power and Data to a PoE+ Device up to 2 km via SC Multimode Fiber Cable
This economical unit converts a multimode fiber optical signal to a copper Ethernet signal that extends both power (48 VDC) and 10/100/1000 Mbps Gigabit Ethernet up to two kilometers (1.2 miles) using Cat5e/6 cabling. The N785-INT-PSCMM2 is ideal for providing power and data to PoE and PoE+ devices, such as security cameras, VoIP telephones, point-of-sale kiosks and access control devices.

Supports Power over Ethernet to Save You Money and Give You More Installation Choices
PoE saves you the expense and effort of purchasing, connecting and installing individual power supplies for each device. It also helps you install PoE devices in areas far away from AC outlets, such as poles or ceilings.

Supports Auto-Sensing of Network Speed and Other Advanced Functions
Monitoring and controlling your network nodes is easy with the N785-INT-PSCMM2's advanced features, such as automatic network speed sensing, full/half-duplex auto-detection and automatic MDI/MDIX configuration. Six LEDs indicate the converter's power, PoE, Ethernet network and fiber link statuses at a glance. Link fault pass through (LFP) monitors both the SC and RJ45 ports to ensure link status remains active.

Completely Plug-and-Play with No Additional Software Required for Connection
The compact metal converter is easy to install and set up with no software or drivers required. The included power supply comes with four international power cables (North America, Europe, United Kingdom, Australia) for connecting to an AC outlet with no computer or other signal source needed.

Highlights

- Extends power (48 VDC) + data (1000 Mbps) to any edge PoE+ device
- Supports multimode fiber optic cable with SC connectors up to 2 km
- RJ45 jack supports auto-MDI/MDIX to bridge various network devices
- LEDs indicate Ethernet and fiber link status at a quick glance
- Link fault pass through lets you quickly identify any faults in the connection

System Requirements

- 10/100/1000 Mbps Gigabit Ethernet network
- Multimode SC fiber optic cabling up to 2,000 m (6,561 ft.)

Package Includes

- N785-INT-PSCMM2 Gigabit Multimode Fiber to Ethernet Media Converter
- External power supply (Input: 100-240V, 50/60 Hz, 1.5A; Output: 48V 1.25A)
- (4) International power cables (North America, Europe, U.K., Australia)
- Owner's manual

Specifications

OVERVIEW	
UPC Code	037332273161

Product Type	Multimode Media Converter
Host Connector	SC DUPLEX (FEMALE)
Mode Type	Multimode
INPUT	
AC Power Adapter Plug(s)	AS/NZS 3112 Australia; BS 1363 UK; CEE 7/16 Schuko; NEMA 5-15P North America
AC Power Adapter Input Specs (V / Hz / A)	100-240V / 50/60Hz / 1.5A
AC Power Adapter Output Specs (V / A)	48V / 1.25A
AC Power Adapter Cord Length (ft.)	3.61
AC Power Adapter Cord Length (m)	1.1
Power Source	AC Adapter with detachable power cord
POWER	
Power Source Type	AC Adapter with detachable power cord
CONNECTIONS	
PoE Capability	15.4W (802.3af); 30W (802.3at)
Side A - Connector 1	SC DUPLEX (FEMALE)
Side B - Connector 1	RJ45 (FEMALE)
PoE Type	Type 1 PoE (15.4W, IEEE 802.3af); Type 2 PoE+ (30W, IEEE 802.3at)
PHYSICAL	
Color	Black
Unit Dimensions (hwd / in.)	0.980 x 2.760 x 3.740
Unit Dimensions (hwd / cm)	2.5 x 7 x 9.5
Unit Dimensions (hwd / mm)	25 x 70 x 95
Unit Packaging Type	Box
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); 1 Gbps (Gigabit)
Wavelength	1310nm
Transmission Distance	2 km

FEATURES & SPECIFICATIONS	
Working Mode	Full/Half Duplex
Auto MDIX Support	No
Auto MDI/MDIX Crossover Detection	No
Optical Port	SC
STANDARDS & COMPLIANCE	
External Power Supply Certifications	CCC; CE; FCC; PSE; WEEE; cUL
Product Certifications	EN 55024; EN 55032; IEC 62368-1; C-Tick (Australia); NOM (Mexico)
Product Compliance	RoHS; RoHS3; CE (Europe); REACH; UKCA; WEEE
WARRANTY & SUPPORT	
Product Warranty Period (Worldwide)	2-year limited warranty

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