

## Gigabit SFP Fiber to Ethernet Media Converter, POE+, International Power Cables, 10/100/1000 Mbps

MODEL NUMBER: N785-INT-PSFP



Customizable media converter extends your copper Gigabit Ethernet network connection over fiber optic cable with the addition of PoE.

### Features

#### Customizable Media Converter Extends Power and Data to a PoE+ Device via Fiber Cable

This economical unit converts a singlemode or multimode fiber optic signal to a copper Ethernet signal that extends both power (48 VDC) and 10/100/1000 Mbps Gigabit Ethernet up to 100 meters (328 feet) using Cat5e/6 cabling. The N785-INT-PSFP 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.

#### Works in Tandem with N785-Series (Non-PoE) Media Converters

The N785-INT-PSFP lets you choose a transceiver that suits your system, while also delivering power to your PoE+ device (N286-01GSX-MDLC and N286-01GLX-SLX transceivers sold separately). It connects to a N785-Series non-PoE media converter using your choice of singlemode or multimode cabling.

#### 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-PSFP'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 all 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
- Customizable SFP port supports both 1G singlemode and multimode transceivers
- 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
- Singlemode or multimode transceiver (such as N286-01GSX-MDLC or N286-01GLX-SLX)
- N785-Series media converter (without PoE)

### Package Includes

- N785-INT-PSFP Gigabit SFP 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

<b>OVERVIEW</b>	
UPC Code	037332273031
Product Type	Fiber to Ethernet
Mode Type	Multimode; Singlemode
<b>INPUT</b>	
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
<b>POWER</b>	
Power Source Type	AC Adapter with detachable power cord
AC Adapter	Input: 100–240V, 50/60 Hz, 1.5A; Output: 48V 1.25A
DC Barrel Plug	OD: 5.5 x 2.1 x 11mm, Positive Pin, Negative Sleeve
<b>PHYSICAL</b>	
Color	Black
Unit Dimensions (hwd / in.)	0.980 x 2.760 x 3.740
Unit Dimensions (hwd / cm)	9.5 x 7 x 2.5
Unit Dimensions (hwd / mm)	95 x 70 x 25
Unit Packaging Type	Box
<b>ENVIRONMENTAL</b>	
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
<b>COMMUNICATIONS</b>	
Network Compatibility	10 Mbps; 100 Mbps (Fast Ethernet); 1 Gbps (Gigabit)
Transmission Distance	Depends on transceiver used
IEEE Standards Supported	802.3; 802.3ab; 802.3af; 802.3at; 802.3u; 802.3z
<b>CONNECTIONS</b>	

Side A - Connector 1	RJ45 (FEMALE)
Side B - Connector 1	SFP (FEMALE)
<b>FEATURES &amp; SPECIFICATIONS</b>	
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
<b>STANDARDS &amp; COMPLIANCE</b>	
Product Certifications	NOM (Mexico)
Product Compliance	RoHS; RoHS3; CE (Europe); REACH; UKCA; WEEE; FCC (USA)
<b>WARRANTY &amp; SUPPORT</b>	
Warranty Details	2-YEAR LIMITED