

## ADD-POEINJCT60W

60W POE Power Injector (IEEE802.3af/IEEE802.3at 57v 60W max, 10/100Base-T and 10/100/1000Base-T)

### Features

- Up to 60W of power on 4-pairs
- IEEE 802.3af and 802.3at compliant
- Supports 10/100/1000Base-T applications
- With higher power compatible with all IEEE pre 802.3at, 802.3af and legacy powered devices
- AC Input
- Safe and reliable power over ethernet
- Compact design



### Product Description

This is a single port Power-over-Ethernet (POE) Injector. This device helps eliminate the need for a POE enabled equipment switch, and add POE items such as wireless LAN, Bluetooth Access Points, and many IP function devices. The injector is typically installed near the Ethernet hub and connected to a remote POE device through a single Ethernet Cat 5e, Cat6, or Cat6a cable. This AC/DC powered POE Injector is a power sourcing equipment (PSE), which combines data transferred over a fiber optic link with 54-57Vdc output power voltage. Generating a maximum POE output of 60W, this media converter Injector enables remote power for a new range of applications including pan-tilt-zoom (PTZ) cameras, video-phones and thinclients. It complies to both IEEE 802.3af and IEEE 802.3at PoE standard parameters, while doubling the available power. It can power both existing 10/100Base-T network devices and supports 10/100/1000Base-T applications, such as Wi-MAX and remote distance wireless IEEE 802.11n access points over CAT5e, Cat6, and Cat6a UTP cable (cable length up to 100 meters / 330 feet). Our media converters and network interface cards are 100% compliant for all of our networking needs. Now you have a cost effective solution to your network upgrade needs. With our certification test program, we can guarantee your product will work right the first time.

## Specifications

Parameter	Specifications
<b>Compatibility</b>	IEEE pre 802.3af, 802.3at and Legacy
<b>Powered Devices Support</b>	100/1000Base-T
<b>Data Rates</b>	10/100/1000 Mbps
<b>Pin Assignment and Polarity</b>	Data Pairs 1/2 (-) and 3/6 (+) Spare Pairs 7/8 (-) and 4/5 (+)
<b>Output Power Voltage</b>	54-57V DC
<b>Distance</b>	100 meters
<b>User Port Power</b>	60 Watts Max
<b>Input Power Requirements</b>	AC Input Voltage: 100 to 240 Vac AC Input Current: 1.2A @ 100-240 Vac AC Frequency: 50 to 60Hz
<b>Dimensions</b>	145 (L) x60 (W) x 40 (H) mm
<b>Weight</b>	350g
<b>Indicators</b>	System Indicator: AC Power (Green) Channel Power: Green and Orange
<b>Connectors</b>	Shielded RJ-45, EIA 568A and 568B
<b>Power Safe</b>	<ul style="list-style-type: none"> <li>• Low power devices receive only the power they need</li> <li>• 2-Pair PDs receive Power on 2-pairs</li> <li>• Safe and Reliable Power Over Ethernet</li> <li>• Automatic Detection and Protection on Non-Standard Ethernet Terminals</li> </ul>
<b>Environmental Specifications</b>	
<b>Operation Ambient Temperature</b>	14° to 113°F (-10° to 45°C) @60W 14° to 131°F (-10° to 55°C) @30W
<b>Storage Temperature</b>	-4° to 158°F (-20° to 70°C)
<b>Operation Humidity</b>	Maximum 95%, Non-condensing
<b>Operation Altitude</b>	-1000 to 10,000 ft. (-304.8 to 3048m)
<b>Standards and Warranty</b>	
<b>Reliability MTBF</b>	100,000hrs @25
<b>Warranty</b>	3 years
<b>Regulatory Compliance</b>	IEEE 802.3af (PoE), Pre IEEE 802.3at (including 2-event), RoHS Compliant, WEEE Compliant, CE FCC Part 15, Class B EN 55022 Class B (Emissions) EN 55024 (Immunity), VCCI
<b>Safety Approvals</b>	EN 60950-1:2006

## **About AddOn Networks**

In 1999, AddOn Networks entered the market with a single product. Our founders fulfilled a severe shortage for compatible, cost-effective optical transceivers that compete at the same performance levels as leading OEM manufacturers. Adhering to the idea of redefining service and product quality not previously had in the fiber optic networking industry, AddOn invested resources in solution design, production, fulfillment, and global support.

Combining one of the most extensive and stringent testing processes in the industry, an exceptional free tech support center, and a consistent roll-out of innovative technologies, AddOn has continually set industry standards of quality and reliability throughout its history.

Reliability is the cornerstone of any optical fiber network and is engrained in AddOn's DNA. It has played a key role in nurturing the long-term relationships developed over the years with customers. AddOn remains committed to exceeding industry standards with certifications from ranging from NEBS Level 3 to ISO 9001:2005 with every new development while maintaining the signature reliability of its products.

## **U.S. Headquarters**

Email: [sales@addonnetworks.com](mailto:sales@addonnetworks.com)

Telephone: +1 877.292.1701

Fax: 949.266.9273

## **Europe Headquarters**

Email: [salesupportemea@addonnetworks.com](mailto:salesupportemea@addonnetworks.com)

Telephone: +44 1285 842070