ADD-POEINJCT90W

10/100/1000M POE POWER INJECTOR 56V IEE802.3af and IEE802.3at compliant, 90W over 4-pairs

Features

- Up to 90W of power on 4-pairs
- IEEE 802.3af and 802.3at compliant
- Compliant with IEEE802.3bt Type
- 100 ~ 240V wide AC voltage input range
- Only external AC power supply is needed to achieve the protocol requirements to meet the maximum 90W power supply
- Overall dimensions: 170mm*71mm*40mm
- High reliability: The design meets the 5 million hour average failure interval.

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
Supporting Standard	IEEE802.3af，IEEE802.3at，IEEE802.3bt
No. of Ports	1 Port
Pass Through Data Rates	Gigabit
PoE Output Pin	12+ 36- & 45+ 78-
Input Power Voltage	AC 100V~240V 47Hz~63Hz
Output Power	IEEE802.3af, IEEE802.3at, IEEE802.3bt/MAX:90W
LED	PoE-OK : Red LED indicator, indicating whether the power supply voltage is connected. PoE-Out: The green LED indicates the protocol handshake of Poe receiver.
Connectors	Shielded RJ-45, EIA 568A and 568B
Dimensions	170 (L) x70 (W) x 40 (H)mm
Environmental Specifications	
Working Temperature	- 10ºC to 50ºC
Storage Temperature	- 40ºC to 70ºC
Working Humidity	10-90% (Non-Condensing)
Storage Humidity	5-90% (Non-Condensing)
Standards	
Reliability MTBF	523919.5469 (hours)

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 in 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.

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