

PSI POE Passive Injector (Optional Splitter)

#POE-INJ-1G/POE-INJ-1GM (Module version)

#POE-SPL-12V Optional



Product Overview

Passive PoE Injector: Our Passive PoE Injector is engineered to provide seamless power and data connectivity for your network devices, supporting speeds up to 1Gb/s (5Gb/s and 10Gb/s coming out soon.) It's an ideal solution for powering IP cameras, wireless access points, VoIP phones, routers/gateways, Optical Network Terminals (ONT,) and other PoE-enabled devices, ensuring your network operates efficiently and effectively.

Optional PoE Splitter: Complement your PoE Injector with our 1Gb/s PoE Splitter, offering a 12V DC 1A output to power non-PoE devices. This splitter allows you to extend PoE benefits to a broader range of network equipment, enhancing your network's versatility and functionality.

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Applications

- **IP Cameras:** Provides power and data to surveillance cameras.
- **Wireless Access Points:** Powers access points for wireless network coverage.
- **Routers and Gateways:** For customer service backup during outages with PS75SP.
- **VoIP Phones:** Ensures stable power supply to VoIP phones for clear communication.
- **Non-PoE Devices:** With the optional PoE splitter, power non-PoE devices requiring 12V DC.

Key Features

- **High-Speed Data Transfer:** Supports data speeds up to 1Gb/s, ensuring efficient and fast network performance. (5Gb/s and 10Gb/s coming soon.)
- **Plug-and-Play Installation:** Easy setup.
- **Cost-Effective:** Reduces the need for running power and data lines to devices
- **Versatile Use:** Compatible with a wide range of PoE and non-PoE devices.
- **Compact Design:** Sleek and compact, it fits seamlessly into any network setup.
- **Back Up Power:** Designed to interface to the PS75SP-P7-48 Micro UPS.
- **Mounting:** Modular version mountable on PSI backplates, or separate standalone.

Technical Specifications

Passive PoE Injector

- **Data Rate:** 10/100/1000 Mbps
- **Input Voltage:** 44-57 V DC
- **Output Voltage:** Passive PoE (same as input voltage)
- **Connector Type:** RJ45 (Input and Output)
- **Power Pin Assignment:** 1/2 (+), 3/6 (-)
- **Operating Temperature:** -10°C to 60°C (14°F to 140°F)
- **Storage Temperature:** -20°C to 70°C (-4°F to 158°F)
- **Humidity:** 10% to 90% non-condensing
- **Dimensions:** 90mm x 55mm x 20mm (L x W x H) or
- **Weight:** < 1 lbs (xx g)

Optional PoE Splitter

- **Data Rate:** 10/100/1000 Mbps
- **Input Voltage:** 44-57 V DC
- **Output Voltage:** 12 V DC
- **Output Current:** 1 A
- **Output Connector:** 5.5mm X 2.5mm
- **Power Pin Assignments:** (+)1, 2 and (-)3,8 or (+)4,5 and (-)7,8
- **Connector Type:** RJ45 (Input), DC Jack (Output)
- **Power Pin Assignment:** 4/5 (+), 7/8 (-)
- **Operating Temperature:** -10°C to 60°C (14°F to 140°F)
- **Weight:** <1lb
- **Storage Temperature:** -20°C to 70°C (-4°F to 158°F)
- **Humidity:** 10% to 90% non-condensing
- **Dimensions:** 80mm x 30mm x 20mm (L x W x H)

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