



Multi Port Passive POE injector

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WT-GAF-24v12w for 24 volt devices from 802.3af Poe

Product Description - WT-AF-24v15w

This device provides a low cost solution for delivering power to a 24 volt camera or routers over 328ft of network cable. This device allows power to be carried on 10/100/1000 networks with either 802.3af or passive injectors and switches with a CAT5e, CAT6 or CAT7 Ethernet network cable.

Intended for use with Cisco or similar PoE switches – this active PoE solution negotiates with the switch to activate power and provide it to the client device. It is a compact and cost effective power solution. The switch supplies 48 or 56 volts DC at the source location. The splitter extracts the DC voltage from the network cable and reduces the voltage to 24v, and increases the available current by the same factor to power 24v client device via mode B power on the output female RJ45. Optional 2.1mm x 5.5mm DC barrel connector output available on request.

Designed for dry applications, the 24v DC output can power 15 watt devices up to 328 from the female output connector.

We also Injectors with up to 24 ports in 10/100 and 16 ports in gigabit. Our kits include the Multi Port Passive POE injector and a power supply of either 30 watts, 60 watts or 120 watts.

Typical Devices

- OpenMesh OM2P Mikrotik routers, Ubiquiti Nanostation and Unifi
- PoE enable any 24 volt lighting
- non-PoE Access points, door locks and other devices
- Heaters on outdoor PoE cameras



Specifications

RJ45 PoE male Input 802.3af compliant Class 3

| | |
|-----------------------|--|
| Power and data source | RJ 45 male connector, 802.3af or 802.3at |
| Input Voltage Max | Up to 57 volts |
| Input Current at 48v | 300 ma input delivers .500 ma out |
| Data Pins in and out | All 4 pairs for data are preserved |
| Data speeds | 10/100/1000 mbit/s |
| Power input mode A | 1&2 and 3&6 – either polarity |
| Power input mode B | 4&5 (plus) and 7&8 (minus) |

RJ45 24v Female Output Passive PoE 4,5 (plus) 7,8 (minus)

| | |
|-------------------------|-----------------------------------|
| Power and data to load | RJ-45 female, 24v mode B power |
| DC output connector | Optional 2.1mm x 5.5mm on request |
| Power Output Mode B | 45 + and 78 – non isolated |
| Output Voltage Max load | 24v +- 2% at .625 amps 15 watts |
| Output Voltage no load | 24v |
| Operating Temperature | 0°C ~ 50°C |
| Size | 22 x 22 x 100 mm |

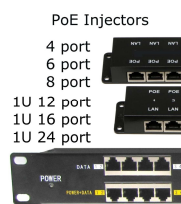
Status LED's



Typical device powered by Passive 24v PoE



PoE Tester



WiFi-Texas PoE injectors



Any PoE Switch