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Injectors Switches Splitters  
Extenders Testers

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

### Product Description - GAF-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 indoor applications, the 24v DC output can power 15 watt devices up to 328 from the female output connector.

### 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 Min / Max	From 44 min to 57 max 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)

Not Isolated	If a Class 1 power supply is used with the PoE Switch the output voltage will be 24 to 32 volts above ground
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

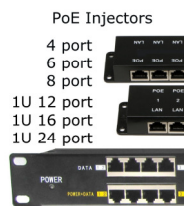
### Status LED's



Typical device powered by Passive 24v PoE



PoE Tester



PoE-World PoE injectors



Any PoE Switch