

WT-AF-24v15w 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 either from the 2.1 mm x 5.5 mm splitter DC plug or mode B power on the output female RJ45.

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	350 ma input delivers .625 amp 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 and 7&8 – either polarity
RJ45 24v Female Output	Passive PoE 45+ 78-
Power and data to load	RJ-45 female, 24v mode B power
DC output connector	Male 2.1mm x 5.5mm , center +
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 also from WiFi-Texas



WiFi-Texas PoE injectors



Any PoE Switch

