

PoE World

World Class PoE Injectors, Splitters, Switches, Extenders

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Isolated GAF-5v10w Gigabit splitter for USB **Devices**

Product Description - GAF-5v10w with USB adapter

This device provides a low cost solution for delivering power to a USB device over 328ft of network cable. This device allows power to be carried on 10/100/1000 network cables with either 802.3af PoE switches or passive injectors with any 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 PoE switch supplies 48 or 56 volts DC at the source location. The higher DC voltage means the current is reduced by a factor of 9, and then carried with 90% less loss over the Ethernet cable from the source, the 5v converter at the remote end allows you to extend the distance with this product for this application up to 328ft or 100 meters.

We also offer kits with up to 16 injectors and splitters – so one power supply can feed 4, 8, 12 or 16 cameras. These kits include the Multi Port Passive POE injector and a power supply of either 30 watts, 60 watts or 120 watts.

Step a) connect 1.35mm DC cord to our USB adapter, connect your USB charger cable to your USB device Step b) use an Ethernet cable to connect the RJ45 female to your PoE switch up to 100 mtr distance.

The Ethernet cable can be 568A or 568B style, and only 2 pairs (orange and green) are required. The Male RJ-45 connector is available for devices

Specifications

DC output

Power and data source

Data only connector

Data Pins out - male RJ45

Data + Power input Pins - 802.3af

Input Voltage Max

Input Current at 48v

Output Voltage Max load (5v10w)

Output Voltage no load

Charging current to Apple IOS devices

Charging current to Android

Operating Temperature

Size Isolation RJ 45 female connector

1.35mm x 3.5mm with Female USB adapter

10/100/1000 BASE-T RJ-45 male

All pins active for gigabit speeds

1&2 and 3&6 - either polarity V3 and V5 - mode A

4&5 + and 7&8 - V5 only- mode B

Up to 57 volts

300 ma input delivers 2 amps out

5v +- 2% at 2 amps 10 watts

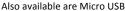
2 amps 10 watts using the female USB

2 amps 10 watts using the MicroUSB

0°C ~ 50°C

 $24 \times 30 \times 80 \text{ mm}$ with 20 cm cord

3000 volts from POE side to USB output





Left Angle



Right Angle