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# Isolated WT-AF-5v10w Gigabit splitter for USB Devices



Product Description - WT-AF-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.

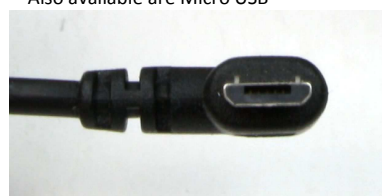
Step a) connect 1.35mm DC cord to our USB adapter, connect your USB charger cable to your USB device  
 Step b) use an Ethernet cable to connect the RJ45 female to your PoE switch up to 100 mtr distance.

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 with an Ethernet port

Specifications

Power and data source	RJ 45 female connector
DC output	1.35mm x 3.5mm with Female USB adapter
Data only connector	10/100/1000 BASE-T RJ-45 male
Data Pins out – male RJ45	All pins active for gigabit speeds
Data + Power input Pins - 802.3af	1&2 and 3&6 – either polarity V3 and V5 – mode A 4&5 + and 7&8 - V5 only- mode B
Input Voltage Max	Up to 57 volts
Input Current at 48v	300 ma input delivers 2 amps out
Output Voltage Max load (5v10w)	5v +- 2% at 2 amps 10 watts
Output Voltage no load	5.2v
Charging current to Apple IOS devices	2 amps 10 watts using the female USB
Charging current to Android	2 amps 10 watts using the MicroUSB
Operating Temperature	0°C ~ 50°C
Size	24 x 30 x 80 mm with 20 cm cord
Isolation	3000 volts from POE side to USB output

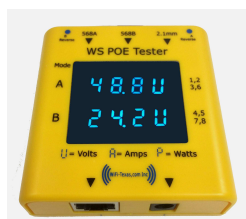
Also available are Micro USB



Left Angle

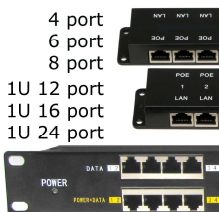


Right Angle



PoE Tester

PoE Injectors



WiFi-Texas injectors

Any PoE Switch



