

# WT-AF-5v10w V5 Gigabit splitter for microUSB Devices



[Product Description - WT-AF-5v10w with microUSB adapter](#)

This device provides a low cost solution for delivering power to a microUSB device over 328ft of network cable. This device allows power to be carried on 10/100/1000 network cables with either 802.3af or passive injectors or switches 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 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 USB devices. 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 microUSB adapter, connect the microUSB male adapter to your microUSB device  
 Step b) use an Ethernet cable to connect the RJ45 female to your PoE switch up to a 100 meter 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
USB adapter	microUSB – 10 watts DCP mode
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 mode B)	4&5 (plus) and 7&8 (minus)
Data + Power input Pins ( 802.3af mode A)	1&2 and 3&6 – either polarity
Input Voltage Range	44 to 57 volts
Input Current at 48v	250 ma input delivers 2 amps out
Output Voltage Max load (5v10w)	5v +- 2% at 2 amps 10 watts
Output Voltage no load	5.2v
Operating Temperature	0°C ~ 50°C
Size	24 x 30 x 80 mm with 20 cm cord

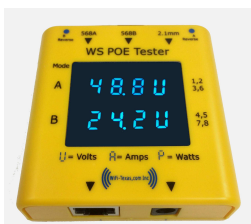
**Charging current**

Apple iPad® @ 2 amps – please see our lightning® adapters

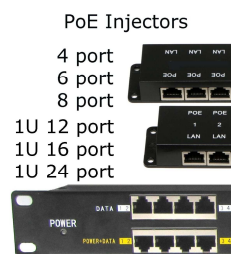
Android – 2 amps or 10 watts in DCP mode

Other USB – 10 watts

microUSB to lightning adapter supports 500 ma



PoE Tester



WiFi-Texas injectors



Any PoE Switch

