

WiFi-Texas Brand
WT-GAF-5v10w
Isolated Splitter
with data
and power for
Lightning®



Lightning® connectors is a registered trademark of Apple Inc®

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

This device provides a low cost solution for delivering power to a Lightning® device over 328ft of network cable. This splitter 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 compared to 5 volts, 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 charge distance 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, 120 or 240 watts.

Step a) use an Ethernet cable to connect the RJ45 female to your PoE switch up to 100 meter distance.
 Step b) connect the Lightning® male adapter to your Apple device

The Ethernet cable can be 568A or 568B style, and only 2 pairs (orange and green) are required.

[Specifications](#)

Power source	RJ 45 female connector
DC output	Apple Lightning
Data only connector	10/100/1000 RJ-45 male
Data+Power input Pins (802.3af mode A or mode B)	1&2 and 3&6 – either polarity (V3 or V5) 4&5 plus and 7&8 minus – V5
Input Voltage Max	Up to 57 volts
Input Current at 48v	265 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
Weight	2.5 ounces
Isolation	3,000 volt isolation between PoE and power out

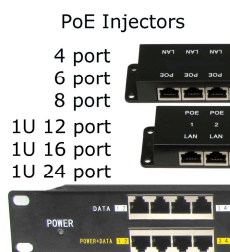


Also available with Data and USB

Use with any mode A WiFi-Texas PoE injector or PoE switch



PoE Tester



WiFi-Texas injectors



Any PoE Switch

Application Suggestion

iPad with Wired Ethernet Data

See <http://poe-texas.com/iOS-USB3>

