

 <p>PoE World World Class PoE Injectors, Splitters, Switches, Extenders</p>	<p>Our Locations and Partners:</p> <p>PoE-Texas Austin Texas PoE-India Pune India PoE-UK London England PoE-World Shenzhen China http://poe-world.com</p>
	<p style="text-align: center;">Gigabit GAF-5v10w splitter for Lightning®</p>

Lightning® connectors is a registered trademark of Apple Inc®

[Product Description - GAF-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) connect 1.35mm DC cord to our Lightning® adapter, connect the Lightning® male adapter to your Apple device
Step b) use an Ethernet cable to connect the RJ45 female to your PoE switch up to 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 - please see the Apple Inc® CCK 3 device.

[Specifications](#)

Power and data source	RJ 45 female connector
DC output	1.35mm x 3.5mm
USB adapter	Right-Angle Lightning® – 10 watts
Data only connector	10/100/1000 RJ-45 male
Data Pins out – male RJ45	All 4 pairs active allows gigabit speeds
Data+Power input Pins (mode B 802.3af)	4&5 and 7&8 – either polarity
Data+Power input Pins (mode A 802.3af)	1&2 and 3&6 – either polarity
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
Operating Temperature	0°C ~ 50°C
Size	24 x 30 x 80 mm with 20 cm cord
Weight	2.5 ounces

[Charging current](#)

- Apple iPad® @ 2 amps
- Android® – 2 amps or 10 watts in DCP mode using our microUSB devices
- Other USB – 10 watts available from our female USB adapters



PoE Tester



PoE-World injectors



Any PoE Switch