PoE World

World Class
Injectors Switches Splitters
Extenders Testers

Our Locations and Partners :
PoE-Texas Austin Texas HQ – Shenzhen

http://poe-world.com

GAF-Lightning®-PD-V4 Isolated Splitter power for iPads®

Lightning® connector is a registered trademark of Apple Inc®

Product Description - GAF- Lightning® V4 PoE supply

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.

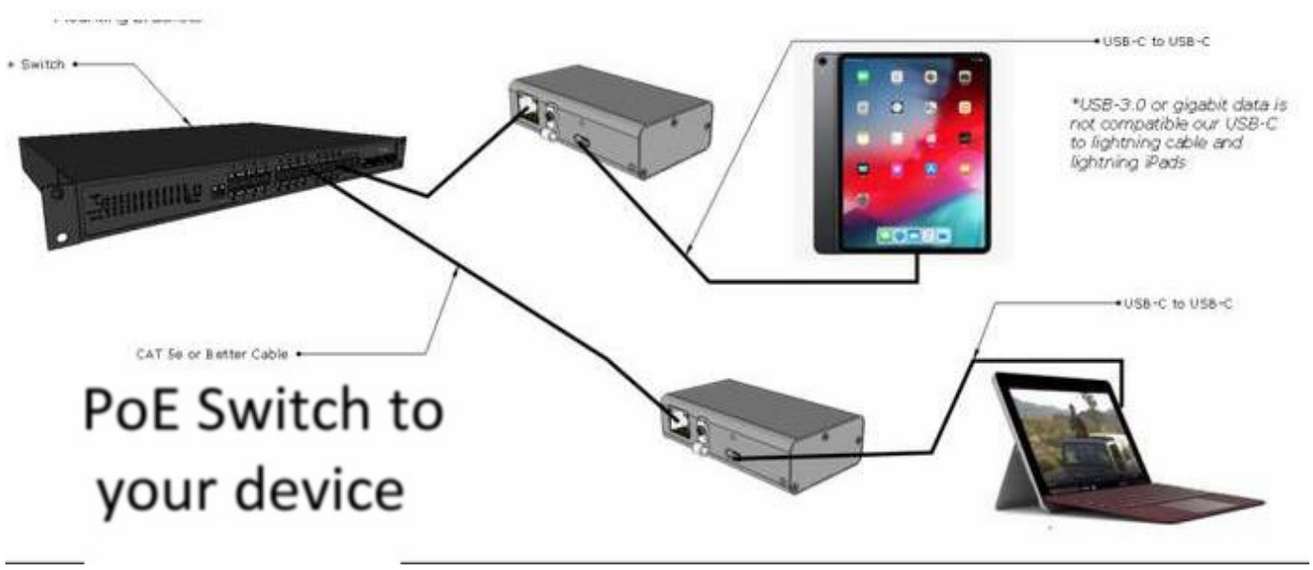
Intended for use with any 802.3af or 802.3at PoE switch – this active PoE solution negotiates with the switch to activate power and provide it to the client device. It is a compact and cost effective power solution. The PoE switch supplies 48 or 56 volts DC at the source location. The higher DC voltage 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.

Simple usage:

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

Specifications

Power source	RJ 45 female connector
DC output	Apple Lightning
Data	10/100/1000 mbits/s
Data+Power input Pins	1&2 and 3&6 – either polarity
(802.3af mode A or mode B)	4&5 plus and7&8 minus
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	23 x 44 x 76 mm with 20 cm cord
Weight	2.5 ounces
Isolation	3,000 volt isolation between PoE and power out



Four Models:

	Data	Cable	Max Power
GAF-Lighting-PD-V4	Gbit	Lightning	10w
AT-USBC-Rev3	None	USBc	25w
GBT-USBC-PD	Gbit	USBc	65w
GAT-USBC-PD-V4	Gbit	USBc	23w