PoE World

World Class
Injectors Switches Splitters
Extenders Testers

Our Locations and Partners :

PoE-Texas Austin Texas PoE-World Shenzhen China

http://poe-world.com

AT-USBC-V4
for 86x86 mm box
802.3at Splitter

USB-C 25 watts

(no data)



Product Description – AT-USBC-V4 PoE supply and Data adapter for Euro boxes

This device provides a powerful solution for delivering power and wired Ethernet data to a USB-C device over 328ft of network cable. This splitter allows power to be carried on CAT-5e or CAT-6 network cables using either 802.3at standard or 56 volt passive PoE. 802.3af switches can also be used – but only 12 watts can be delivered without overload.

Intended for use with any 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 USB-C 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) connect your PoE switch to power
Step b) use an Ethernet cable to connect the RJ45 female to your PoE switch up to 100 meter distance.
Step c) connect the USB-C output via a USB-C high current rated cable, to your 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
Model V4 DC power only	USB-C female
PoE Power input Pins	1&2 and 3&6 – either polarity 4&5 plus and7&8 minus
PoE Mode	802.3at mode A or mode B, Class 4
Input Voltage Max	Up to 57 volts
Input Current at 48v	600 mA input delivers 25 watts
Output Voltages	Autonegotiate (see table)
Internal Power usage	750 mW
Operating Temperature	0°C ~ 50°C
Size	57 x 42 x 34 mm
Weight	3.5 ounces

USB-C Voltage		1 Port version V4 power only
5.0 V		3 Amps | 15 Watts
9.0 V		2 Amps | 18 Watts
12 V		1.5 Amps | 18 Watts
15 V		1.5 Amps | 22 Watts
20 V		1.25 Amps | 25 Watts

Non-Isolated:

Not isolated. Current may flow between the USBC connector ground and the PoE switch ground.

Distance:

100 meters