



PoE World

World Class
Injectors Switches Splitters
Extenders Testers

Our Locations and Partners :

PoE-Texas Austin Texas
PoE-UK London England

PoE-India Pune India
PoE-World Shenzhen China
<http://poe-world.com>

802.3at compatible Gigabit Splitter from PoE to 12v @25 watts

GAT-12v25w



Product Description

This device works with any 802.3at switch, it takes the 44 to 56 volts from the PoE switch, and converts that voltage to 12 volts and removes power from the data - it works with gigabit data speeds. Can also work with an 802.3af switch if the output is used below 13 watts.

Intended for use with Cisco or similar PoE switches – this PoE solution appears like a standard Class 4, 25 watt device. The PoE switch can send either polarity, and only 2 pairs are required for power, 4 pairs for gigabit data, 2 pairs for 10/100.

The output is fully isolated from the input voltage. Grounding is of no concern. The output power is on a DC connector.

Specifications

Data speed	10/100/1000 mb/s
Input Voltage	802.3af / 802.3at / passive 44 to 57 volts at 570 mA max
Output Voltage	12 volts +- 2% at 2.08 amps, 25 watts
Internal power use	350 mw (keep alive 802.3af)
Operating Temperature	0°C - 50°C
Data	Transparent
Isolation	1500 Volts
Size	107 x 50 x 25 mm

802.3at Class 4

PoE Power input Pins 1&2 and 3&6 – either polarity – mode A
4&5 + and 7&8 minus – mode B
Shielded RJ45

Data output Shielded RJ45

Power out DC connector 2.1 mm x 5.5mm female connector

LED status on Female RJ45
Right - Power In active = Green
Left - Power out active = Amber

Related Products

GAT-12v12w - lower power and cost
AT-4 - high power injector
AT-Extender - long runs