
 <p>PoE World World Class Injectors Switches Splitters Extenders Testers</p>	<p>Our Locations and Partners :</p> <p>PoE-Texas Austin Texas PoE-India Pune India PoE-UK London England PoE-World Shenzhen China</p> <p>http://poe-world.com</p>
	<p style="text-align: center;">GAF-48v12w Gigabit PoE splitter</p>

Product Description - GAF-48v12w splitter

This device works with any 802.3af switch, it takes the 44 to 56 volts from the PoE switch, and outputs that voltage onto mode B passive. Many Mikrotik devices need this function.

Intended for use with Cisco or similar PoE switches – this pass thru PoE solution appears like a standard Class 3, 12.95 watt device

The PoE switch can send either polarity, and only 2 pairs are required for power, 4 for data.

There is no DC-DC conversion inside, nor isolation. Output ground could be -48v in some cases.

Specifications

Power and data source	RJ45 Male
Data speed	10/100/1000
Power and data output	RJ45 Female
Input Voltage	44 to 57 volts
Output Voltage	same as input minus 0.6 volts
Internal power use	300 mw
Operating Temperature	0°C - 50°C
Data	Transparent

PoE Power input Pins 1&2 and 3&6 – either polarity – mode A
4&5 + and 7&8 minus – mode B
802.3at negotiation

PoE Power output pins 4&5 plus and 7&8 minus – mode B

802.3af Class 3

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

Related Products [GAT-48v25w - higher power](#)
[AT-4 - high power injector](#)
[GAT-Extender - long runs](#)