

 <p><b>PoE World</b> World Class Injectors Switches Splitters Extenders Testers</p>	<p><b>Our Locations and Partners :</b></p> <p>PoE-Texas    Austin Texas                      PoE-India                      Pune India PoE-UK    London England                      PoE-World    Shenzhen China</p> <p><a href="http://poe-world.com">http://poe-world.com</a></p>
	<p style="text-align: center;"><b>GAT-48v25w</b> <b>Gigabit PoE splitter</b></p>

**Product Description - GAT-48v25w splitter**

This device works with any 802.3at 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 4, 25 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 .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

**802.3at**    Class 4

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

**Related Products**

- GAF-48v12w - lower power and cost
- AT-4 - high power injector
- GAT-Extender - long runs