GAF-48v12w splitter

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
802.3at	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