



<https://shopify.poe-world.com>

**POE-IO (2.5mm and 1.35mm)
Passive PoE Injector + Splitter kit**



In	LAN	POE
1	Data	Data
2	Data	Data
3	Data	Data
4	N.C.	+Volt
5	N.C.	+Volt
6	Data	Data
7	N.C.	GND

Data is on pins 12 and 36 (twisted pairs) Data Rate: 10/100 mb/s

Power is on pins 45 (center pin) 78 (outside of barrel) always on – not compatible with PoE switches

Ethernet cable CAT-5e UTP AWG 24 wire

Colors: White or Black

Connector RJ45 male (data only) female (power and data)

DC connector 2.1mm x 5.5mm (WS-POE-IO)

1.35mm x 3.5mm (WS-POE-IO-1.35)

Other Options: POE-I (female DC connector end)

POE-O (male DC connector end)

Important note: Calculate the loss of the Ethernet wire between the Injector and the Splitter for best results – especially at 5 or 12 volts using our Ethernet Cable Loss Calculator:

<http://atxled.com/Calculator/>

All manual and details online at: poe-world.com/pdf

Related Products



12v and 5v active Splitters for Passive and 802.3af



PoE tester to display power/voltages