

# POE-PS-150-001

## Power-Over-Ethernet Passive Splitter



### GENERAL PURPOSE POE PASSIVE SPLITTER

General purpose POE passive splitters take the power supplied from a POE power supply and split off the data and DC power into separate connectors. These splitters are mainly used for powering devices which do not support Power over Ethernet

The Laird Technologies POE Passive Splitter is applicable for a wide range of network products such as access points, routers, IP cameras, modems, switches, embedded computers, and other network devices.

### FEATURES

- Passive splitter
- FCC and CE approved
- Compatible with IEE 802.3af routers including Cisco and Netgear

### MARKETS

- Remote routers, access points and bridges
- Remote networking equipment
- SOHO equipment
- IP camera and phone systems
- VOIP systems
- WiMAX

### INPUT

Power-Hub RJ45 Input Socket (per channel) data and Power-Connected to DTE RJ-45 Input (Data & Power)

PIN	SYMBOL	DESCRIPTION
1	RX+	Data Receive
2	RX-	Data Receive
3	TX+	Data Transmit
4	Vin +	Feeding power(+)
5	Vin+	Feeding power(+)
6	TX-	Data Transmit
7	Vin-	Feeding power(-)
8	Vin-	Feeding power(-)

### OUTPUT

Power-Hub RJ45 Output Socket (per channel) data and Power-Connected to DTE

PIN	SYMBOL	DESCRIPTION
1	RX+	Data Receive
2	RX-	Data Receive
3	TX+	Data Transmit
4	NC	NC
5	NC	NC
6	TX-	Data Transmit
7	NC	NC
8	NC	NC

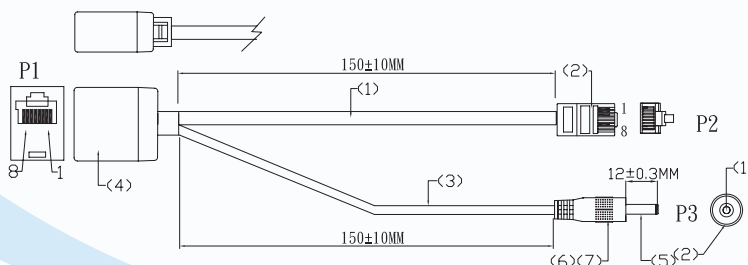
Note: Two Power-hub port should not be connected together, in order to prevent ground loops.

2.3 DC Power Plug Diameter : 5.5 mm x 2.1 mm x 11 mm ±0.3 mm

Supply of polarity : Inside is (+) , Outside is (-)

### SPECIFICATIONS

Operation Temperature	-0 - +70°
Storage Temperature	-65 - +85°
Operation Humidity	5% - 90% 45°
Cooling	Free air cooling
Size	RJ 45 socket 28 x 16 x 23 mm (L x W x H)
Cable length	150 mm



global solutions: local support™

Americas: +1.847.839.6907  
IAS-AmericasEastSales@lairdtech.com

Europe: +1.32.80.7866.12  
IAS-EUSales@lairdtech.com

Asia: +1.65.6.243.8022  
IAS-AsiaSales@lairdtech.com

www.lairdtech.com

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