

## Dual Out PoE Splitter

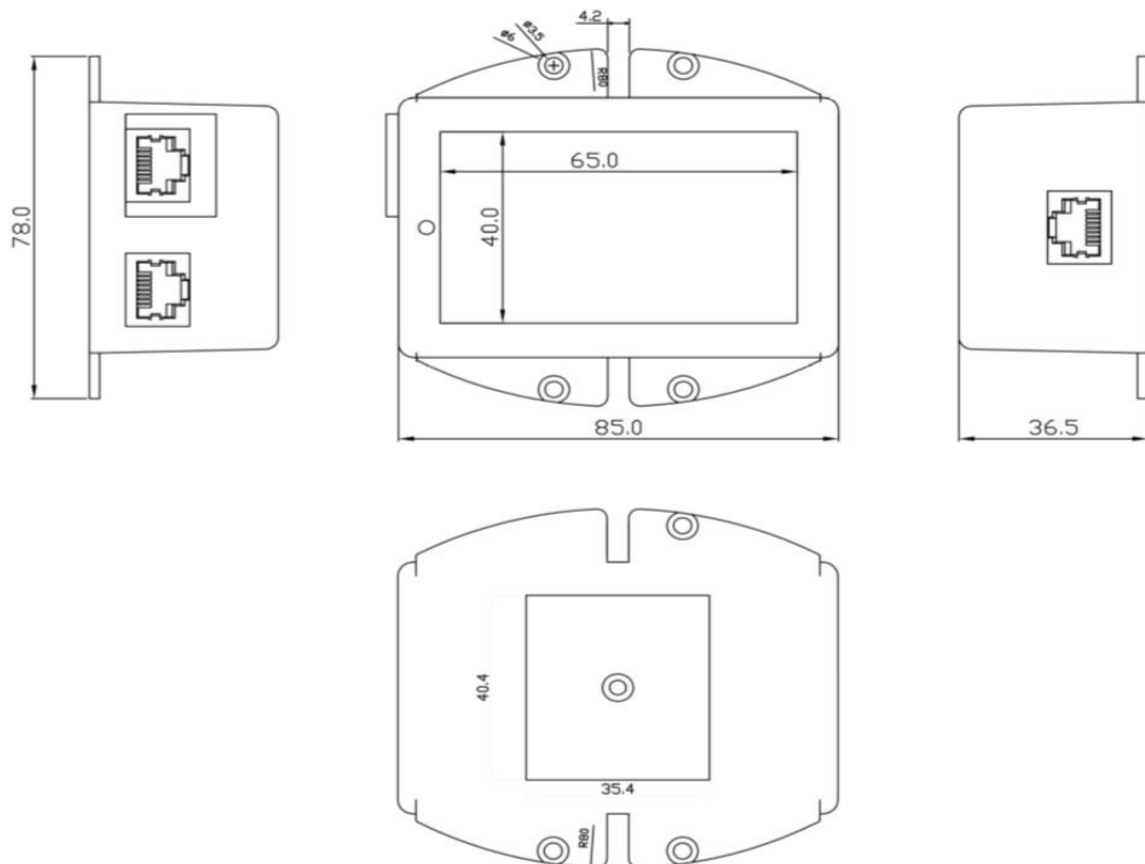
### Features

- 802.3at PoE input , 802.3af and Passive PoE outputs
- Gigabit Compatible
- Extended Temperature Range: -40 to +70C
- Short Circuit and Over Current Protection

### Description

The POE-SPLT-48G-VUB is an active splitter which accepts an 802.3at Mode A/B or passive PoE (2 or 4 pair) input and provides two PoE outputs. Output 1 is an 802.3af Mode B PoE output with Data and PoE. Output 2 is a 48V Passive PoE Mode B output with PoE only, no data. The splitter is designed to supply power and data to one device and power only to the second device.

It is Gigabit compatible providing speeds to 1000MB. There are various protections for short circuit, overload and low voltage disconnect.



**Specifications**

POE-SPLT-48G-VUB	
<b>PoE Input</b>	802.3at (Mode A or Mode B) or Passive PoE (2 or 4 pair)
<b>Input voltage</b>	40-60VDC (56V Typical)
<b>PoE Output 1</b>	802.3af PoE (Mode B) (Data & PoE)
<b>PoE Output 2</b>	Passive PoE (Mode B) (PoE Only)
<b>Output Power</b>	16W per port, 32W Max
<b>Output Voltage</b>	Vin – 1 Volt
<b>Load Regulation</b>	5%
<b>Line Regulation</b>	1%
<b>Low Voltage Disconnect</b>	30V
<b>Ethernet Speed</b>	10/100/1000MB (Gigabit Compatible)
<b>LED</b>	GREEN = Output 1 802.3af Detected, RED = No Valid 802.3af client detected
<b>EMC Standards</b>	FCC Class B NE55022 Class B
<b>Protections (auto-recover)</b>	Output Short Circuit, Overload, Input UnderVoltage (30VDC)
<b>Operating Temperature</b>	-40 to +70°C (-40 to +158°F)
<b>Operating Humidity (RH)</b>	5% - 90% non condensing
<b>Storage Temperature</b>	-40 to +85°C (-40 to +185°F)
<b>Dimensions (LxWxH)</b>	85 x 78 x 36mm (3.3 x 3 x 1.4")
<b>Weight</b>	113g (4oz)
<b>Warranty</b>	3 Years

**Device Pinouts – 10/100/1000MB**

RJ-45 Input (Data & PoE)			RJ-45 Output 1 (Data & PoE)		RJ-45 Output 2 (PoE Only)	
Pin	Symbol	Description	Symbol	Description	Symbol	Description
1	BI_DA+, Vin +/-	Data A+ & PoE(+/-)	BI_DA+	Data A+	NC	NC
2	BI_DA-, Vin +/-	Data A- & PoE(+/-)	BI_DA-	Data A-	NC	NC
3	BI_DB+, Vin +/-	Data B+ & PoE(+/-)	BI_DB+	Data B+	NC	NC
4	BI_DC+, Vin +/-	Data C+ & PoE(+/-)	BI_DC+, Vout+	Data C+ & PoE +	Vout+	PoE +
5	BI_DC-, Vin +/-	Data C- & PoE(+/-)	BI_DC-, Vout+	Data C- & PoE +	Vout+	PoE +
6	BI_DB-, Vin +/-	Data B- & PoE(+/-)	BI_DB-	Data B-	NC	NC
7	BI_DD+, Vin +/-	Data D+ & PoE(+/-)	BI_DD+, Vout-	Data D+ & PoE -	Vout-	PoE -
8	BI_DD-, Vin +/-	Data D- & PoE(+/-)	BI_DD-, Vout-	Data D- & PoE -	Vout-	PoE -

**System Ordering:****POE-SPLT-48G-VUB**

Dual Output PoE Splitter, 802.3at Input, 802.3af and Passive PoE outputs

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