

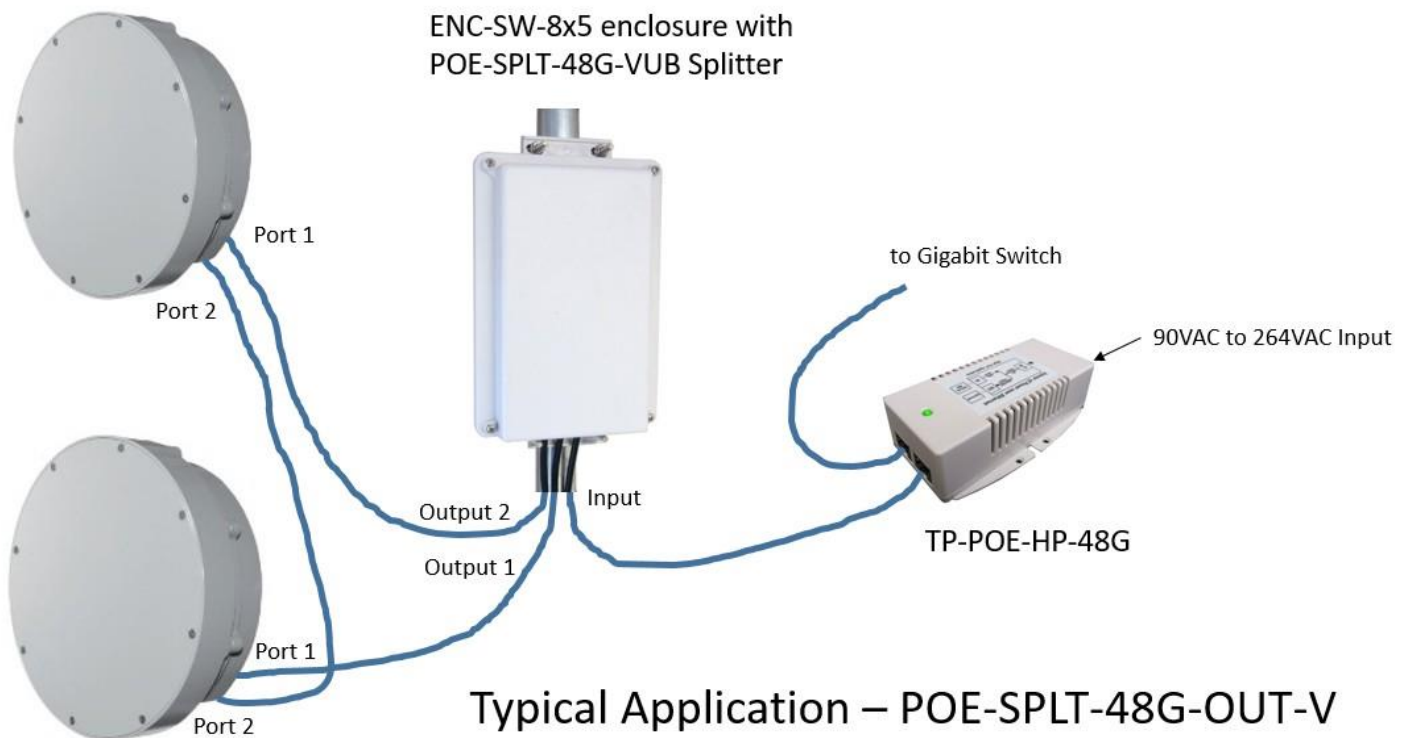
Outdoor PoE Splitter

Features

- Weatherproof and Gigabit Compatible
- Dual Output, 802.3af and Passive PoE outputs
- Complete Kit: High Power PoE Injector, Weatherproof Enclosure, Splitter
- Extended Temperature Range: -40 to +70C
- Short Circuit and Over Current Protection

Description

The POE-SPLT-48G-OUT-V is a complete kit which includes a high power PoE injector (TP-POE-HP-48G), weatherproof enclosure (ENC-SW-8x5) and an active splitter (POE-SPLT-48G-VUB) which 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. The system is Gigabit compatible providing speeds to 1000MB. There are various protections for short circuit, overload and low voltage disconnect. Nema 4x / IP65 rated UV protected enclosure.



Typical Application – POE-SPLT-48G-OUT-V

Specifications

	POE-SPLT-48G-VUB - Splitter	TP-POE-HP-48G – PoE Injector
PoE Input	802.3at (Mode A or Mode B) or Passive PoE (2 or 4 pair)	n/a
Input voltage	40-60VDC (56V Typical)	90-264VAC
PoE Output 1	802.3af PoE (Mode B) (Data & PoE)	56V 50W 2 Pair Passive PoE
PoE Output 2	Passive PoE (Mode B) (PoE Only)	n/a
Output Power	16W per port, 32W Max	50W
Output Voltage	Vin – 1 Volt	56VDC
Load Regulation	5%	5%
Line Regulation	1%	1%
Low Voltage Disconnect	30V	n/a
Ethernet Speed	10/100/1000MB (Gigabit Compatible)	10/100/1000MB (Gigabit Compatible)
LED	GREEN = Output 1 802.3af Detected, RED = No Valid 802.3af client detected	GREEN = Power On
EMC Standards	FCC Class B NE55022 Class B	FCC Class B NE55022 Class B
Protections (auto-recover)	Output Short Circuit, Overload, Input UnderVoltage (30VDC)	Output Short Circuit, Over Load, Over Voltage
Operating Temperature	-40 to +70°C (-40 to +158°F)	-30 to + 60°C (-22 to 140°F)
Operating Humidity (RH)	5% - 90% non condensing	5% - 90% non condensing
Storage Temperature	-40 to +85°C (-40 to +185°F)	-40 to +85°C (-40 to +185°F)
Dimensions (LxWxH)	85 x 78 x 36mm (3.3 x 3 x 1.4")	125 x 75 x 38mm (4.9 x 3 x 1.5")
Weight	113g (4oz)	300g (10.6oz)
Warranty	1 Year	1 Year

Splitter 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-OUT-V

Outdoor Injector/Splitter system, Dual output 802.3af and Passive PoE

For further information contact:tyconsystems.com

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