



2 Port IEEE802.3bt Power-Over-Ethernet Module



Features

- 2.5G capabilities on all ports
- Supports IEEE802.3at, IEEE802.3af, IEEE802.3bt & 12.5K Pihong detection
- Over-current protection

Applications

- Telecommunications
- Wireless Access Points
- Laboratory Equipment

Safety Approvals

- UL 60950-1, 2nd Ed, 2014-10-14
- CUL 22.2 60950-1-07, 2nd Ed, 2014-10
- IEC/EN 60950-1(ed.2) am 1; am2
- CE

Mechanical Characteristics

- Length: 113mm (4.49in)
- Width: 129.6mm (5.12in)
- Height: 36.6mm (1.57in)

Output Specifications

Model	# of Ports	DC Output Voltage	Load		Regulation		Output Power
			Min.	Max.	Line	Load	
POE120-2BT-R	2	56VDC	<10mA	Output #1: 0.67A Output #2: 0.67A	-2V/+1V		75W @56VDC per port (2 ports, total 150W)

INPUT:

DC Input Voltage Rating
55-57VDC

DC Input Current
3A Max Load

DC Input Power
Provided by POE150U or POE450U Midspan

Efficiency
75% (typical) at max load

ENVIRONMENTAL:**Temperature**

Operating 0 to +40°C
Non-operating -20 to +75°C
Humidity 5 to 90%

EMI

Complies with FCC part 15 Class B
Complies with EN55032/EN55022 Class B

Immunity

ESD: IEC61000-4-2. Level 3
RS: IEC61000-4-3. Level 2
EFT: IEC61000-4-4. Level 3
Surge: IEC61000-4-5. Level 3
CS: IEC61000-4-6. Level 3
Voltage Dips IEC61000-4-11 Class 3

Over-Current Protection

1660mA max for 25K
1750mA max for 12.5K

Indicators

LED#1

Blinking GREEN – Unit is “ON” Active with No Load

Solid GREEN – Unit has detected a Valid Load

Blinking RED/GREEN – Unit has detected an Invalid Load

Solid RED w/brief GREEN blink – Unit is in Over Load/Short Circuit Condition

Input Connection

4 pin CVILUX:CP-01404170

Output POE Connectors

Shielded RJ45

Output POE Connection

+pins 3, 4, 5, 6 / -pins 1, 2, 7, 8

Dimension Diagram Unit: mm

