

## 802.3bt 90W PoE Splitter

### Features

- 802.3bt 90W Power Only Splitter
- Also works with 802.3af, at and passive PoE
- PoE, PoE+ and PoE++ Compatible
- Full Metal Housing with LED power indicator
- Industrial strength operating range -40C to +70C
- 90W Maximum Output Power on Wire Terminal

### Applications

- Remotely Power Non PoE Input DC Devices
- Managed PoE Switches
- LED Lighting, Sensors, Relays

### Description

The Low Cost POE-POWERTAP-BT is a PoE splitter which takes a PoE input and provides the DC voltage on a wire terminal connector. Maximum power out is specified at 90W. The device is compatible with 802.3af/at/bt and 2pair or 4pair passive PoE input. There is no data output.

They have a full metal body for improved EMI and surge suppression and have integral mounting tabs. The PowerTap has built in electrical surge and overload protections and a unique LED status indicator. Incorporating a rugged, compact, in-line design, they are perfect for indoor use or outdoor use inside a weatherproof enclosure.

### Specifications

|                                 | POE-POWERTAP-BT                                                    |
|---------------------------------|--------------------------------------------------------------------|
| <b>Input PoE Voltage</b>        | 44VDC to 57VDC (802.3af/at/bt) or 2 pair or 4 pair 48V Passive PoE |
| <b>Output Voltage</b>           | 44 to 57VDC, Voltage Output = Voltage Input, Efficiency 98.4%      |
| <b>Maximum Load</b>             | 90W Max, 100uF Max                                                 |
| <b>Surge Protection</b>         | IEC-61000-4-2 ESD 30kV(Air), 30kV (Contact)                        |
| <b>MTBF (MIL-HDBK-217F 70C)</b> | 961,723 Hrs                                                        |
| <b>Operating Temperature</b>    | -40 to +70°C                                                       |
| <b>Storage Temperature</b>      | -40 to +85°C                                                       |
| <b>Operating Humidity</b>       | 0% to 95% non-condensing                                           |
| <b>Size (L x W x H)</b>         | 3.65 x 1 x 1" (93 x 25.4 x 25.4mm)                                 |
| <b>Weight</b>                   | 2.25oz (64g)                                                       |
| <b>Input Connector</b>          | RJ45 Shielded Jack                                                 |
| <b>Output Connector</b>         | Wire Terminal, Max wire size 12AWG                                 |
| <b>Warranty</b>                 | 3 Years                                                            |



**System Ordering:** **POE-POWERTAP-BT** 802.3bt PoE to Wire Terminal Splitter

**For further information contact:**

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