

DESCRIPTION

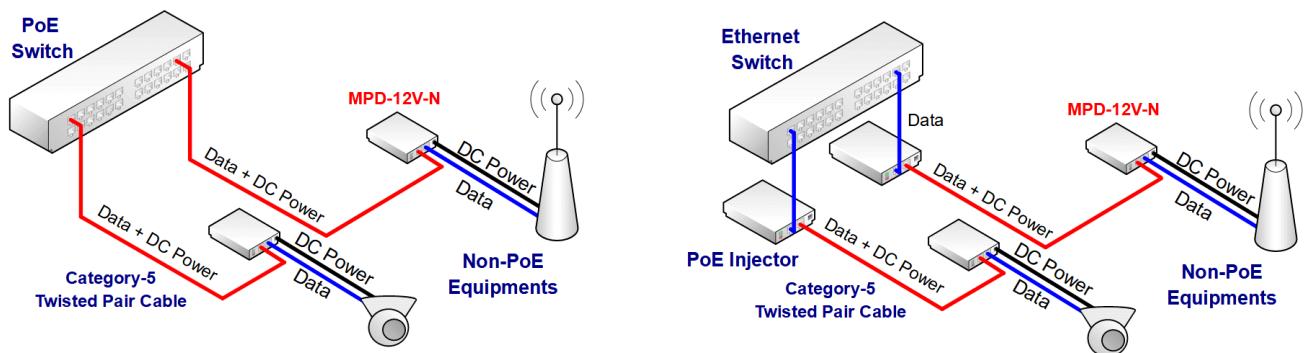
12V, 12W max. Splitter Type PD(Powered Device) for PoE(Power over Ethernet) Application.

FEATURES

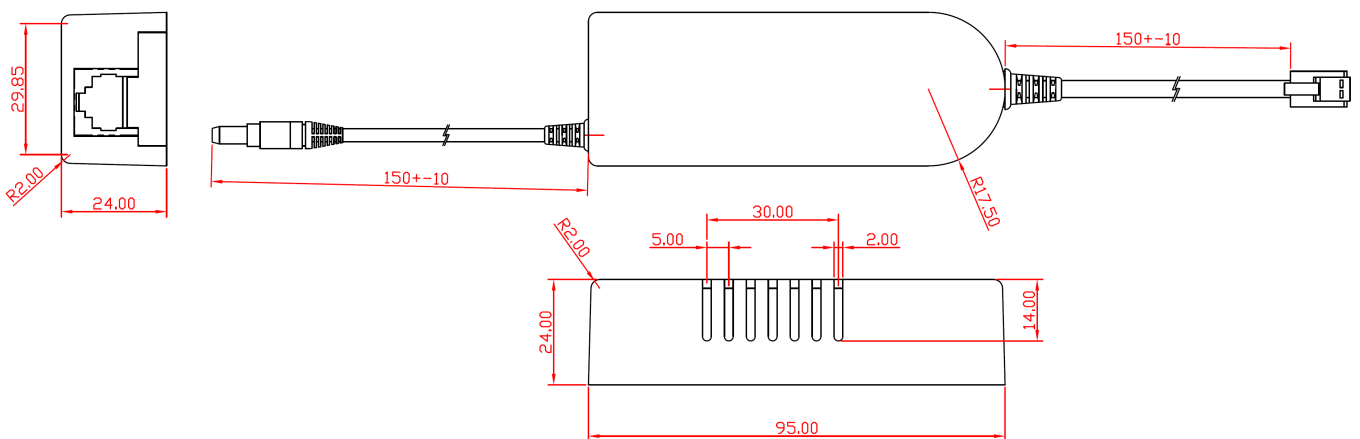
- Fully Supports IEEE802.3af Compliant
- Input Voltage Range : 21VDC to 57VDC
- In-rush Current Limit, Over-Current, and Short Circuit Protection
- Over-temperature Protection
- Default Class : 0
- High Efficiency (80% min. @ Full Load)
- Low Output Ripple and Noise
- 1500Vrms Isolation (Input-Output)
- Integrated Rectification for Superior High Voltage Protection at Input Side
- Ensuring Product Long Life by Using "No" Aluminum Electrolytic Capacitor
- RoHS Compliant



APPLICATION DIAGRAM



OUTLINE DRAWING



CONNECTOR DESCRIPTION

| Type | Name | Connector Type | Description |
|--------|-------|----------------|---|
| Input | PoE | RJ-45 Jack | Connector for PoE Switch or PoE Injector - Direct or Cross UTP Cable is Available - Unshielded & LED (Indicated Power Active) |
| Output | Data | RJ-45 Plug | Connector for Data of a Ethernet Equipment |
| | Power | DC Plug | Connector for Power of a Ethernet Equipment - ID : 2.1mm (12VDC) - OD : 5.5mm (GND) |

SPECIFICATIONS

| No | Item | Specification |
|----|--|--------------------------------|
| 1 | Input Voltage | 21~57VDC |
| 2 | Input Under Voltage Lockout (Rising) | 20.4~26VDC |
| 3 | Input Under Voltage Lockout (Hysteresis) | 4.7VDC typ. |
| 4 | Nominal Output Voltage | 12VDC (±5%) |
| 5 | Continuous Output Current | 1A max. |
| 6 | Peak Output Current | 1.1A max. |
| 7 | Line Regulation (Vin=38~57VDC, Pout=12W) | ±1% |
| 8 | Load Regulation (Vin=48VDC, Pout=0~12W) | ±3% |
| 9 | Ripple & Noise (Vin=48VDC, Pout=12W) | 100mVp-p max. |
| 10 | Efficiency (Vin=48VDC, Pout=12W) | 80% min. |
| 11 | Input to Output Isolation | 1500 Vrms (10mA Cut-off, 60Hz) |
| 12 | Short Circuit Protection Duration | Inf. |
| 13 | Data Rate | 10/100 Mbps |
| 14 | Operating Temperature | -20 ~ 50 °C |
| 15 | Storage Temperature | -40 ~ 80 °C |
| 16 | Typical Dimension (W×D×H) | 35×24×95 (mm) |