



### STP2 splitter PoE Ethernet 10/100/Gigabit



#### INPUT :

- Input Voltage: DC40V to DC60V NORMAL=56V
- Under Voltage Lockout: DC 31 ~ 32V Stare Voltage --33V ~ 35.5V

#### OUTPUT :

Output Voltage & Current:

- OUTPUT +12V
- Max. load 2.1A
- Power 25W Max
- Min. Load(2) 0.1A 0.1A
- Load reg. % 5%
- Line reg. % 1%
- Ripple %(1) 1%
- Noise %(1) 5%

TOTAL POWER : 25W

#### Note:

Ripple & Noise bandwidth is from DC to 20Mhz. terminated With a 47uF Capacitor and 0.1uf MPE Capacitor of Proper Polarity.

**EFFICIENCY** : 86% min @-48Vin dc

#### PROTECTION

- Short Circuit Protection output Short GND Terminal will not damage the Power Supply and will Auto-Reset.
- Over Load Protection is hiccough mode , auto-recovery.
- Operation frequency is 150KHZ
- Isolation Voltage : 1500Vdc
- Isolation Resistance :100M ohms (min)
- Input Set class Resistance : 25K ohms
- Maximum Capacitive Load : 470UF (24V = 100UF)
- T2P Signal Active Green LED as at Model.T2P Signal Active RED LED as af Model

#### GENERAL DESCRIPTION

Operation Temperature: -15 - +60 °C  
Storage Temperature: -40 - +70 °C  
Operation Humidity: 5% - 90% 45 °C  
Cooling: Free air cooling  
SIZE : 85\*75\*36 (L\*W\*H) mm.

# - DATA SHEET -

## Ethernet PoE splitter

CHANNEL CONNECTORS & PINOUT :

Power-Hub RJ45 Input Socket (per channel) data & Power-Connected

<b>RJ-45 Input (Data &amp; Power)</b>		
<b>Pin</b>	<b>Symbol</b>	<b>Description</b>
1	RX+, Vin +/-	Data Receive/ Feeding power(+/-)
2	RX-, Vin +/-	Data Receive/ Feeding power(+/-)
3	TX+, Vin +/-	Data Transmit/ Feeding power(+/-)
4	Vin +/- Data	Data Feeding power(+/-)
5	Vin +/- Data	Data Feeding power(+/-)
6	TX-, Vin +/-	Data Transmit/ Feeding power(+/-)
7	Vin +/- Data	Data Feeding power(+/-)
8	VIn +/- Data	Data Feeding power(+/-)
9	Shield	Connector shielding

Power-Hub RJ45 Output Socket (per channel) data & Power-Connected

<b>RJ-45 Output (only Data)</b>		
<b>Pin</b>	<b>Symbol</b>	<b>Description</b>
1	RX+	Data Receive
2	RX-	Data Receive
3	TX+	Data Transmit
4	Data	Data
5	Data	Data
6	TX-	Data Transmit
7	Data	Data
8	Data	Data
9	Shield	Connector shielding

**Note:**

DC Power output supply of polarity : red is (+) , black is (-)  
DC output gnd and Vin +/- should not be shorted to ground(FG).  
Two Power-hub port should not be connected together , in order to prevent ground loops.  
E M I Meet FCC Class B Radiation standard  
Meet NE55022 Class B Radiation standard