STONTRONICS
THE POWER TO SUPPLY

Stontronics Ltd

12W PoE Single DC output Splitter Range

Description:

The T4969ST & T4970ST are compact and cost effective Power over Ethernet (PoE) Active Splitters for remote powering of WLAN Access Points, VoIP and network security cameras. These PoE Active Splitter works with Power Injector, as a data/power splitter and DC to DC converter. Compliant with IEEE 802.3af and CISCO inline-power injector, all materials meet RoHS standard.

Features:

- Can be auto-detected by 802.3af compliant mid-span or Cisco inline-power device, can be injected power from wire 1, 2, 3,6 or 4, 5, 7, 8
- Easy installation
- Input: 30 to 60V DC
- Output: 5V/2.4A & 12V/1A
- Short circuit protection
- Over load protection
- Over voltage protection
- Compact size: 85 x 76 x 36mm
- 1 Year Warranty

Output Characteristics		
Part Number	**T4969ST**	**T4970ST**
Voltage	5vdc	12Vdc
Max. Load	2.4A	1A
Power	12W	12W
Min. Load	0A	0A
Load Regulation	5%	5%
Line Regulation	1%	1%
Ripple	2%	2%
Noise	5%	5%
Protections	Short Circuit, OVP, OLP	

Input Characteristics	
Rated Input Voltage	48Vdc
Input Voltage Range	40Vdc to 60Vdc
Under-Voltage Lockout	30Vdc
Efficiency (@-48Vdc)	78% min.
DC Power Plug	Straight 5.5 x 2.1 x 12mm C+ve

Safety, Mechanical and Other Characteristics	
Operation frequency	100KHZ (min)
Isolation Voltage	1500Vrms
Isolation Resistance	100M ohms (min)
Input Set class Resistance	25K ohms
Operation Temperature	-25 to +60°C
Storage Temperature	-40 to +85°C
Operation Humidity	5% to 90% RH
Cooling	Free air cooling
Plastic Case Material	ABS
Plastic Case Finish	Texture
Plastic Case Color	Gray
Plastic Case Dimension	85mm (d) * 76mm (w) * 36mm (h)
Weight	110g
CAT-5 UTP Cable Length	30cm, RJ-45 plug, Gray color
Power Cable Length	30cm, DC power plug, Gray color
E M I	Meet FCC Class B standard & NE55022 Class B standard
All materials meet RoHS standard	

nqa. ISO 9001 Registered

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RJ-45 Connector & Pin-Out:

	RJ -45 Output (Data Only)	
Pin	**Symbol**	**Description**
1	Rx+	Data Receive
2	Rx-	Data Receive
3	Tx+	Data Transmit
4	NC	Not Connected
5	NC	Not Connected
6	Tx-	Data Transmit
7	NC	Not Connected
8	NC	Not Connected

Note: 1. pins 7 and 8(-Vdc) should not be shorted to ground.
2. power input could be on 1,2,3,6 (Cisco) or 4,5,7,8 (802.3af)

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