



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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21W DC-DC Power over Ethernet Splitter POE21 Gigabit IEEE802.3at Compliant Splitter



Features

- Compliant with the IEEE802.3at Standard
- DC Good LED
- Gigabit Compatible
- Designed to work with POE36U-1AT Single Port Injector
- UNH IOL Test Report
- Full Protection OTP, OCP, OVP
- User Changeable Tips
- Non-Vented Case
- 1 Year Warranty

Applications

- IP Telephones
- Wireless Network Access Points
- Security Cameras
- IP Print Servers

Safety Approvals

- CE

Mechanical Characteristics

- Length: 100mm (3.97in)
- Width: 56mm (2.2in)
- Height: 27.9mm (1.1in)
- Weight: 0.142Kg (0.311lb)

Output Specifications

Model	DC Output Voltage	Output Current
POE21-120	12V	1.75A
POE21-240	24V	0.875A

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INPUT

Input Voltage Range

Receives power from either data or spare pairs
45-57V DC

Input Current

0.6A (RMS) maximum

OUTPUT

Regulation

Line and Load $\pm 4\%$

Ripple

12V 120mVp-p
24V 240mVp-p

Efficiency

80% (typical) at maximum load 48V DC

O/P Voltage Protection

In case of output voltage overload, crowbar will short

ENVIRONMENTAL

Temperature

Operation 0 to +40°C
Non-operation -20 to +65°C

Humidity

Operation 5 to 90%

Immunity

ESD: EN61000-4-2 Level 3
RS: EN61000-4-3 Level 2

EMC

EN55022 Class A
FCC Part 15, Class A

Dielectric withstand (HI-POT) Test

Primary to secondary: 2121VDC for 1 minute 10mA

Insulation Resistance

Primary to secondary: >10M Ohm 500VDC

Indicators

GREEN LED – Output Good

Short Circuit Protection

Output can be shorted permanently without damage

Warranty

1 Year

Input and Output Data Connector

RJ45

Output Connector

Center Positive Barrel 12mm x 2.1mm x 5.5mm
Tip is user changeable for other sizes



Dimension Diagram Unit: mm

