



Product Code

F01498

SP-POE12 POE SPLITTER

Reference

1498

EAN

8424299014982

Description.

Description

The SP-POE12 POE splitter is designed to power IP devices that require 12V DC through an external connector. It is useful to power non-PoE MEET devices (MIO monitors and MILO boards) through a PoE switch.

It is based on a DC/DC converter that steps down the voltage from 44-57V DC to 12V DC. The maximum output current is 1.35 A (P max = 15 W).

The output voltage (POWER) and data (DATA) enter the splitter through the RJ45 input connector, coming from a PoE device. Data (DATA) is supplied via an RJ-45 connector and 12V DC power via a DC connector.

Characteristics

- Power for MEET devices: 1.25A/12V DC
- Input voltage range: 44÷57V DC
- High performance: 84%
- Designed for 10Mbit/s and 100Mbit/s networks
- Light indications through LEDS.
- Protections:
 - Against SCP short circuits
 - Facing OLP overloads

Technical Details

Input voltage range	44V ÷ 57V DC
Current consumption	0.32A÷0.41A
Output power	15W

Efficiency	84%
Output voltage	12V DC
Output current	1.25A
Ripple voltage	150mV pp max.
Short-circuit protection SCP and overload protection OLP	105% ÷ 150% of module supply power, automatic recovery
Optical indication: RJ45 socket with diode indicating presence of DC input voltage	- Yellow, normal status: is lit continuously, - Failure: off
PoE standard	IEEE 802.3af/at
Input power supply pairs	1/2 (+) ; 3/6 (-) ; 4/5 (+) ; 7/8 (-)
Transmission speed	10/100Mb/s Full Duplex
input connector	RJ-45 socket
Output power connector	Supply: 30cm wire + DC plug 5.5 / 2.1
Operating conditions	II environmental class, -10°C÷40°C

Details.

Weight (kg)

0.0717

Packaging measurements

(height x width x depth) cm

2,4x11,7x5

Video Door Entry system

Technologie

GENERICA

Declaration of conformity

- [DOCF01498EN.pdf](#)