



OPE301GS

Gigabit PoE+ Splitter

802.3af/at, Output: 5/9/12V DC, 24W



OPE301GS is a Gigabit PoE Splitter that is compliant with the 802.3af PoE and 802.3at PoE+ standards.

ORIGO's OPE301GS provides access to Gigabit Ethernet networks and power delivery over a single Ethernet cable to non-PoE devices. It is recommended for connecting wireless access points, IP cameras, IP phones, and other devices with a power consumption of up to 24 watts.

Using the PoE splitter with a voltage output switch for 5V, 9V, and 12V DC allows to install non-PoE devices in locations where electrical outlets are not available.

The OPE301GS can be connected to a PoE switch or a PoE injector with a minimum power output of 24 watts (such as the OPE301GI) using an Ethernet cable. The non-PoE device connects to the splitter via two cables included in the package: a power cord with male to male connectors (outer / inner diameter of 5.5 / 2.1 mm) and an Ethernet cable for data transmission.

Key Features

- One Gigabit Ethernet PoE input port for data and power transmission
- One Gigabit Ethernet output port for data transmission
- Compliant with 802.3af PoE and 802.3at PoE+
- Wide range of input voltages 36 – 57V DC
- Converting high input voltage to lower output voltage
- Adjustable output voltage: 5V, 9V or 12V DC
- Maximum power output up to 24W
- Short circuit protection
- Overvoltage protection and thermal cut off
- Plug-and-Play installation



Specifications

Hardware

POWER+DATA IN	<ul style="list-style-type: none">• 10/100/1000Base-T port• Supports half / full-duplex operation• Compliant with IEEE 802.3, IEEE 802.3u, IEEE 802.3ab, IEEE 802.3at, IEEE 802.3af
DATA OUT	<ul style="list-style-type: none">• 10/100/1000Base-T port• Supports half / full-duplex operation• Compliant with IEEE 802.3, IEEE 802.3u, IEEE 802.3ab
Power Connector	<ul style="list-style-type: none">• DC OUT: 5,5x2,1 mm (F)
DIP Switch	<ul style="list-style-type: none">• 5V• 9V• 12V
LEDs	<ul style="list-style-type: none">• Power (PoE)

Physical Parameters

Dimensions (W × D × H)	<ul style="list-style-type: none">• 80 x 54 x 24 mm
Weight	<ul style="list-style-type: none">• 80 g

Operating conditions

Input	<ul style="list-style-type: none">• 36 - 57V DC / 0,6A max.
Output	<ul style="list-style-type: none">• 5/9/12V DC / 2A
Maximum Power Output	<ul style="list-style-type: none">• 24W
Temperature	<ul style="list-style-type: none">• Operating: 0 to 40 °C• Storage: -20 to 70 °C
Humidity	<ul style="list-style-type: none">• Operating: up to 90% non-condensing• Storage: up to 95% non-condensing

Package Contents

Package Contents	<ul style="list-style-type: none">• OPE301GS PoE Splitter• Power Cord (5.5x2.1 mm male to male)• DC 5.5x2.1 mm (F) to Micro-USB (M) Adapter• Ethernet Cable• Quick Installation Guide
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Order Info

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PoE Splitter 802.3af/at, 1x1000Base-T PoE In,
1x1000Base-T, Output: 5/9/12V DC
