



## 10/100/1000M PoE Splitter Cable 13W

OP-SP1G1E-Cable



Shenzhen Optostar Optoelectronics Co., Ltd

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## Overview

OP-SP1G1E-CABLE, a cost-effective and high reliable remote PoE PD device based on standard IEEE802.3af, could split the power and data transmitted through cable. It could provide power and data to device without PoE function when connecting with a PoE Switch or PSE Injector. The output voltage is 12V, and equipped with PoE power supply device, it could flexibly expand the scale of Security Surveillance & Wireless Network without the limitation of power line layout.

With transformer isolated design for circuit input stage and output stage of the OOP-SP1G1E-CABLE power, it strengthens anti-jamming capability and protection for circuit. Also it effectively reduces PoE Switch Abnormal Power Supply Matters caused by common ground problem.

Meeting the standard of IEEE802.3af. Compatible with power supply methods of both End-span(1,2+3,6-) and Mid-span (4,5+ 7,8-). With the features of output power at 13W, low ripple, more than 82% high efficiency, Port Isolation Protection: 1500V and Protection for short circuit, over-current & over-temperature. With 1 to 2 design, it could be working with device that support external PoE, and it also simplifies effectively the project wiring and maintenance.

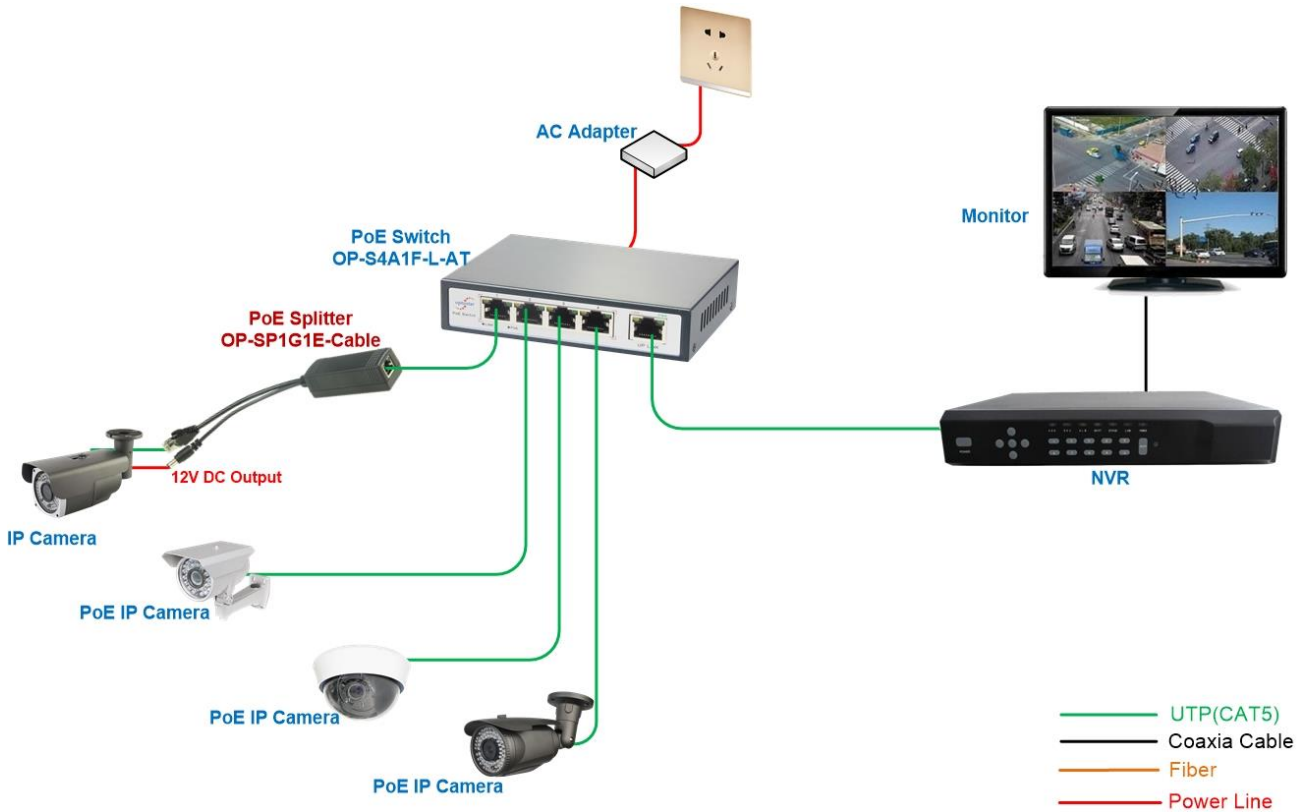
## Product Features

- 1\* 8-Pin RJ45 female input port + 1\* RJ45 male output port + 1\* DC(5.5\*2.1mm) male output port
- 1\* 10/100/1000Mbps RJ45 port
- Support IEEE802.3af
- PoE Input Voltage: 44-57V
- Output voltage: 12V(Default)
- Output power: 13W
- Circuit protection to protect the connected device
- Top-quality design, stable and reliable

**Technical Parameter**

Item	Description
<b>Network Medium</b>	UTP Cat.5 or more(≤100 meter) Transmission Bandwidth: 10/100/1000M
<b>Network Protocol</b>	IEEE 802.3af DTE Power via MDI
<b>Output Voltage</b>	DC12V
<b>Output Current</b>	1.1A
<b>Output Power</b>	13W
<b>Input Voltage</b>	37-57V/DC
<b>DC/DC Switching</b>	Support protection for over current and over temperature
<b>Connector</b>	1* PoE RJ45 Input Port, 1* RJ45 Output Port, 1* DC Power Input Port(5.5x 2.1mm)
<b>Ripple &amp; Noise</b>	Ripple for output under normal voltage and current: 100mV /Vp-p (max) Boot Delay: Boot time 2s (max), under voltage input at DC 48V and output the max load Rise time: 50ms (max), under the voltage input at DC 48V and output the max load
<b>Protections</b>	Shot circuit protection: Recover to work after load short circuit released Over current protection: Recover to work after over current released Over voltage protection: It is enabled when the voltage output is over 120% to 150% of the normal. Recover to work after over voltage released.
<b>Working Environment</b>	Operating Temperature: -20 ° ~ 55 ° C; Storage Temperature: -20 ° ~ 75 ° C; Humidity: 10% ~ 90%, non-condensing; Storage Humidity: 10% ~ 95%, non-condensing; Working Altitude: 3000 m (10,000 ft); Storage Altitude: 3,000 m (10,000 ft)
<b>Warranty</b>	1 year

### Application



### Order Information

Model	Description
OP-SP1G1E-Cable	10/100/1000M PoE splitter cable, DC12V, IEEE 802.3af standard (13W)
Note:Default power supply type support both end-span (1/2, 3/6 line pairs) & mid-span (4/5, 7/8 line pairs) .	

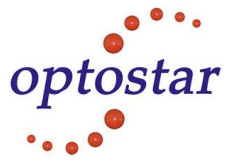
### Package include

No	Package List
1	10/100/1000M PoE Splitter Cable ,12V Output – 13W(OP-SP1G1E-Cable)
2	User Guide
3	Warranty Card

### Important Notice

Performance figures, data and any illustrative material provided in this data sheet are typical and must be specifically confirmed in writing by OPTOSTAR before they become applicable to any particular order or contract. In accordance with the OPTOSTAR policy of continuous improvement specifications may change without notice.

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## Contact OPTOSTAR

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