

1000M POE Splitter Cable 15.4W

(Model: EW-PD101G-AF-12)

Ewind



- It is compatibility for mostly switches. Like that CISCO, HUAWEI, HP, ARUBO SWITCH etc. it is can working with these switches and AP wireless device; Because of our engineer put the protocol on the POE splitter;
- 1* 8-Pin RJ45 female input port + 1* RJ45 male output port + 1* DC (5.5*2.1mm) male output port;
- Support IEEE802.3af. Be compatible with Mid Span and End Span;
- Voltage Input Range: 44-57V, Power Output: 15.4W/12V, with over 82% efficiency;
- High Voltage Isolation: 1500V (Input Stage to Output Stage);
- Support protection for Short Circuit, Over-current & Over-temperature;

RoHS **FC** **CE**

Introduction

EW-PD101G-AF-12, 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 EW-PD101G-AF-12 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.

TECHNICAL SPECIFICATION

Model	EW-PD101G-AF-12
Product Name	10/100/1000M POE splitter cable;
Working Environment	Working Temperature:-20℃~+60℃; Working Humidity:20%~80%;

	Storage Temperature: -30℃～+60℃; Storage Humidity: 10%～90%;
PoE Voltage Input	44-57V;
Voltage Output	DC12V;
Connector	1x RJ45 input port
	1x RJ45 output port
	1x DC (5.5*2.1mm) output port
Rating Power Output	15.4W;
DC/DC Switching	Support protection for over current and over temperature;
Transmission Bandwidth	10/100/1000M;
Efficiency	≥81.5%;
Isolation function	Support;
Length	180(mm);
Ripple & Noise	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;
Protections	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;
Warranty	1-year warranty;

ORDER INFROMATION

Model	Description	Units
EW-PD101F-AF-12	100M POE Splitter cable 15.4W;	1PCS
EW-PD101F-AT-12	100M POE Splitter cable 25.5W;	1PCS
EW-PD101G-AF-12	1000M POE Splitter cable 15.4W;	1PCS

PACKING LIST

CONTENT	QTY	UNIT
100M POE Splitter cable 15.4w (EW-PD101G-AF-12)	1	SET
Warranty Card	1	PC