

## Product Datasheet

# 10/100M PoE Splitter Cable 13W

(ONV-PD5202)



## OVERVIEW

ONV-PD5202, a cost-effective and high reliable remote PoE PD device based on standard IEEE802.3af/at, 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 ONV-PD5202 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/at. 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.

## FEATURE

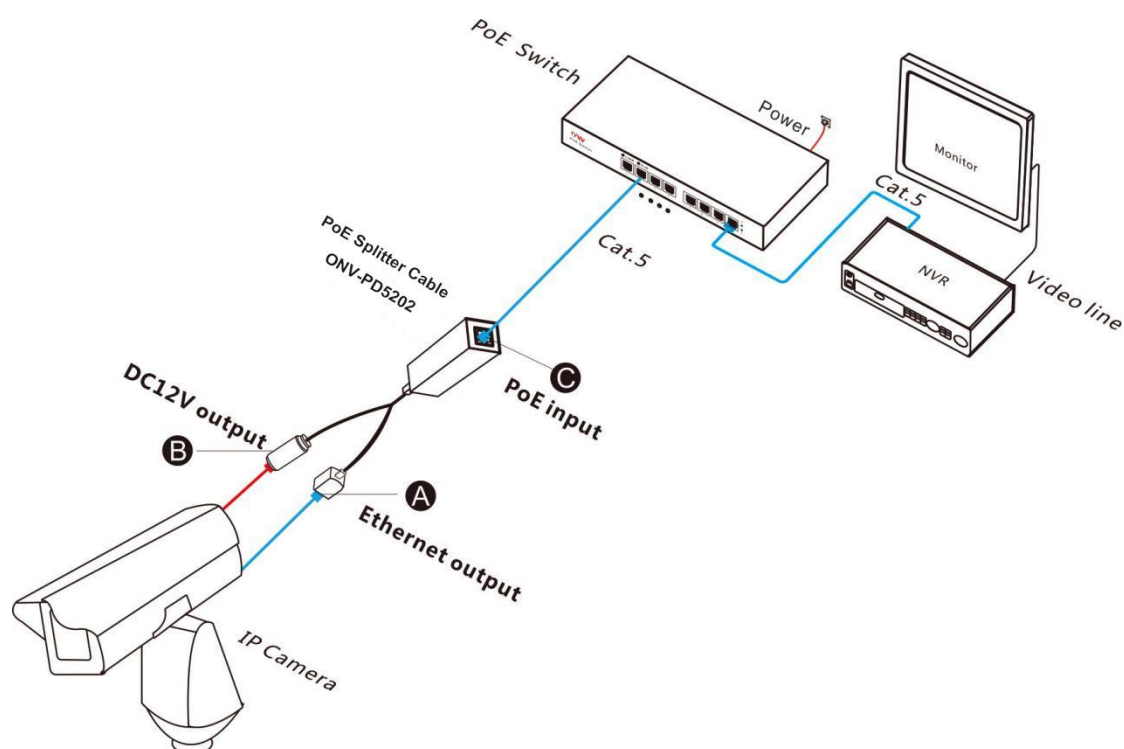
- ◆ 1x 10/100M RJ45 port+ 1\*10/100M male output port+1\*(5.5\*2.1mm) DC output port
- ◆ Support IEEE 802.3af/at Ethernet power standard
- ◆ 10/100M data transmission
- ◆ Output voltage:12V(Default)
- ◆ Circuit protection to protect the connected device
- ◆ Top-quality design, stable and reliable

## TECHNICAL SPECIFICATION

Model	ONV-PD5202
Power Supply Type	1/2(+),3/6(-);4/5(+),7/8(-) power supply
PoE Voltage Input	44-57V
DC Voltage Output	12V
Connector	1x 10/100M RJ45 input port 1*10/100M male output port 1*(5.5*2.1mm) DC output port
Network Medium	Cat5 (UTP) or more
Protocol	IEEE 802.3 i 10 BASE-T IEEE 802.3 u 100 BASE-TX IEEE 802.3 x Flow Control IEEE 802.3 at Power over Ethernet
Rate	10/100M
LED Status	PoE power input indicator light

Port Protection	Meet the IEC61000-4-2(ESD) $\pm 15\text{KV}$ (air), $\pm 8\text{KV}$ (contact); Compatible with 8/20us,(1.1A)
Certifications	CE,FCC,RoHS
Dimension	85.3*31.2*26.3mm
Working Temperature	Operating Temperature: 0~55℃; Storage Temperature: -20~70℃; Operation Humidity: 90%, non-condensing; Storage Humidity: 95%, non-condensing
Warranty	1 year

## APPLICATION



## ORDERING INFORMATION

Model	Description
ONV-PD5202	10/100M PoE splitter cable, DC12V, IEEE 802.3af/at standard. Standard power output is 13W.
<b>Notes:</b> Default power supply type is end-span (1/2, 3/6 line pairs), mid-span (4/5, 7/8 line pairs) can be customized.	

## PACKING LIST

	CONTENT	QTY	UNIT
PACKING LIST	10/100M PoE Splitter Cable 13W	1	SET
	User Guide	1	PC
	Warranty Card	1	PC

## CONTACT US



OPTICAL NETWORK VIDEO TECHNOLOGIES (SHENZHEN) CO., LTD.

Tel: 0086-755-33376606

Fax: 0086-755-33376608

Email: [onv@onv.com.cn](mailto:onv@onv.com.cn)

Website: [www.onvcom.com](http://www.onvcom.com)

Zip: 518000

Headquarter Address: Room 1003, Block D, Terra Building, Futian District, Shenzhen, China

Factory Address: The 4-6th Floor, No. 59, HuaNing Road, Xinwei Community, Dalang Street,  
Longhua District, Shenzhen, China

