

Ethernet Over Coax Extender Kit 10/100Mbps

ITEM NO.: 15-EOC01K

Description:

This kit has the advantage of extending 180m / 585ft by a one-side powered Ethernet over coax pair units. The **Powered Sourcing Equipment (PSE), 15-EOC01T**, is powered by 48V DC or PoE switch, and transmit power and Ethernet data signal through a single coaxial cable to the **Powered Device (PD), 15-EOC01R**, which is connected to an IP camera, PoE IP camera or a storage device.

FEATURE :

- Extend Ethernet signal over coax
- 10/100Mbps / Full duplexer
- Coax cable: RG59 video-grade coaxial cable or better
- Extend the transmission distance of Ethernet signal from up to 180M
- Allow you to save money by using existing coax cable
- BNC connector / RJ45
- 48V DC Powered Sourcing Equipment - Host Unit

SPECIFICATIONS :

Kit Model		15-EOC01K	
Model		15-EOC01T	15-EOC01R
Unit Type		Host Unit – PSE Side	Device Unit – PD Side
Interface	Data Port	1x RJ-45 female connector (IN)	1x RJ-45 female connector (OUT)
	Power Port	1 x TERMINAL	1x DC Jack (12V/0.5A OUT)
	Data + Power Port	1x BNC Connector (OUT)	1x BNC Connector (IN)
	Cable	RG59, RG6, or RG11 video-grade coaxial cable (used for cable CATV or CCTV)	
Electrical	Standard	IEEE 802.3af 10Base-T IEEE 802.3u 100Base-TX	
	Speed	10/100Mbps for full duplexer	
	Transmission Distance	0~180m for coaxial cable	
Power	Input Operating Voltage	48V DC @ Power port	No Power Required
	Power Consumption	1Amp / <=2.4 W	
Environment	Operating Temperature	-20°C ~ +60°C / -4°F ~ 140°F	
Physical Properties	Enclosure Material	Aluminum alloy	
	Mounting	Wall mounting available	
	Dimension WxHxD	82 x 61 x 36.4 mm (3.2" x 2.4" x 1.4")	
	Weight	155g (5.5 oz)	160g (5.6 oz)

Performance by coax type	Max coax length for error free operat	Camera Power available	
		48V PoE via RJ45	48V DC adaptor
RG6 Sample 1 (5.5dB/100m) (Belden 1694A)	180 meters / 580 feet	18W /	11W
RG6 Sample 2 (5.5dB/100m) (Carol Brand)	180 meters / 580 feet	13W /	1.8W
5C-HFBT Sample (4.7dB/100m)	210 meters / 680 feet	18W /	11W
RG59 Sample (8dB/100m)	125 meters / 400 feet	19W /	13W
3C-2V Sample 1 (10dB/100m)	100 meters / 325 feet	19W /	13W
3C-2V Sample 2 (8dB/100m)	125 meters / 400 feet	19W /	14W
RG11 Sample (3.3dB/100m)	250 meters / 800 feet	18W /	8.7W

Installation View:

