

DH-PFM801-POC

1 channel passive HDCVI 4K POC Balun



- Real-time transmission over UTP CAT5E/6 cable.
- No need for power supply.
- Supports HDCVI, TVI, AHD and CVBS.
- Can realize twisted pair power transmission + image signal transmission in one.

Series Overview

Unshielded Twisted Pair (UTP) Cable is a transmission medium for processing video signals as a pair of differential signals with equal amplitude and opposite polarity for medium and long distance video transmission. It is highly reliable and transmits stable video signals over long distances with little loss. Easy to install and use, the cable is ideal for a wide variety of scenes.

Technical Specification

Function

Transmission Distance	HDCVI_Non-POC Camera-720P: max 350 m (1148.29 ft); 1080P: max 250 m (820.21ft); 4MP/4K: max 180 m (590.55 ft) TVI_Non-POC Camera-720/1080P: max 250 m (820.21 ft); 5MP/4K: max 180 m (590.55 ft) AHD_Non-POC Camera-720P: max 350 m (1148.29 ft); 1080P: max 250 m (820.21 ft); 5MP/4K: max 180 m (590.55 ft) HDCVI/TVI/AHD_POC Camera—720P: max 150 m (492.13 ft); 1080P: max 150 m (492.13 ft); 4MP/5MP: max 150 m (492.13 ft); 4K: max 80 m (262.47 ft)
Transmission Signal	1-ch HDCVI, TVI, AHD and CVBS
Transmission Media	UTP CAT5/5E/6

Video Transmission Properties

Coaxial Video Connector	Male BNC
Connection Way	Spring clamp type
Compatible Format	HDCVI, TVI, AHD, CVBS
Resolution	720p, 1080p, 4 MP, 5 MP, 4K
Anti-interference	>60 dB

Protection

ESD	1a contact discharge electricity level 3 1b air discharge electricity level 3 Per: IEC61000-4-2
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Impedance

BNC Male Impedance	75 Ω
UTP Cable Impedance	100 Ω

Physical Properties

Size	155 mm × 21 mm × 20 mm (6.10" × 0.83" × 0.79")
Shell	ABS
Color	Black
Weight	20.5 g/pair (0.05 lb)

Stability

MTBF	>10,000 hrs
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Environmental

Operating Temperature	-10 °C to +55 °C (-14 °F to +131 °F)
Storage Temperature	-20 °C to +70 °C (-4 °F to +158 °F)
Operating Humidity	0-95% (RH), non-condensing

Certification

Certification	CE: EN 5032, EN 55035, EN 61000-3-2, EN 61000-3-3 FCC: FCC Part 15
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Ordering Information

Type	Part Number	Description
HDCVI balun	DH-PFM801-POC	1 channel passive HDCVI 4K POC Balun

Dimensions (mm[inch])

mm [inch]



Application

