

DH-PFM800B-4K

1 Channel Passive HDCVI balun (10pcs/box)



Series Overview

The Passive Balun is a passive video transmission device specifically designed for video surveillance systems. It transmits real-time video signals over twisted pair cables or CAT5E/CAT6 network cables requiring no external power. The Passive Balun is easy to install and ideal for use in security monitoring scenes where streamlined cabling is required.

Technical Specification

Function

Transmission Channel	1-ch HDCVI/TVI/AHD/CVBS
Transmission Distance	HDCVI: 720p: max 400 m (1312.34 ft) 1080p: max 250 m (820.21 ft) 4 MP/5 MP/4K: max 200 m (656.17 ft) TVI: 720p: max 400 m (1312.34 ft) 1080p: max 250 m (820.21 ft) 4 MP/5 MP: max 200 m (656.17 ft) AHD: 720p: max 400 m (1312.34 ft) 1080p: max 250 m (820.21 ft) 4 MP/5 MP: max 200 m (656.17 ft)
Resolution	720p/1080p/4 MP/5 MP/4K
Video Format	HDCVI/TVI/AHD/CVBS
Anti-interference	> 60 dB
Transmission Signal	1-ch analog HD video
Transmission Media	UTP CAT5E/6
Impedance	Coaxial cable: 75 Ω Twisted pair: 100 Ω

- Real-time transmission over UTP CAT5E/6 cable.
- Passive, no need for power supply.
- Excellent anti-thunder, anti-static and anti-interference capabilities.
- Compatible format: HDCVI/TVI/AHD/CVBS.
- With male BNC connector, and pluggable screw terminal connections.

Port

Video Port	Male BNC
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Protection

Electrostatic Discharge	1a contact discharge: Level 3 1b air discharge: Level 3 Applicable standard: IEC61000-4-2
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Structure

Appearance Color	Black
Casing Material	ABS project material
Product Dimensions	173.8 mm $\times$ 19.5 mm $\times$ 21 mm (6.84" $\times$ 0.77" $\times$ 0.83") (L $\times$ W $\times$ H)
Packaging Dimensions	215 mm $\times$ 90 mm $\times$ 110 mm (8.46" $\times$ 3.54" $\times$ 4.33") (L $\times$ W $\times$ H)
Packaging Method	10 pieces in 1 box, and 30 boxes in 1 outer carton
Net Weight	38 g/pair (0.08 lb)
Gross Weight	0.44 kg/box (0.97 lb)

Environment

Operating Temperature	-10 $^{\circ}$ C to +55 $^{\circ}$ C (+14 $^{\circ}$ F to +131 $^{\circ}$ F)
Operating Humidity	5-95% (RH), non-condensing
Storage Temperature	-20 $^{\circ}$ C to +70 $^{\circ}$ C (-4 $^{\circ}$ F to +158 $^{\circ}$ F)
Storage Humidity	0-95% (RH), non-condensing

Certification

Certifications	CE: EN 5032: 2015 EN 55035: 2017 EN 61000-3-2: 2014 EN 61000-3-3: 2013
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Ordering Information

Type	Model	Description
Video Balun	DH-PFM800B-4K	1 Channel Passive HDCVI balun (10pcs/box)

Dimensions (mm[inch])

