

DH-PFM800-N

1 channel passive HDCVI balun



- Real-time transmission over UTP CAT5E/6 cable.
- No need for power supply.
- Supports HDCVI, TVI, AHD and CVBS.

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 Signal	1-ch HDCVI, TVI, AHD and CVBS
Transmission Distance	HDCVI-720p: max 300 m (984.25 ft); 1080p: max 200 m (656.17 ft); 4 MP/5 MP/4K: max 100 m (328.08 ft) TVI-720p: max 300 m (984.25 ft); 1080p: max 200 m (656.17 ft); 4 MP/5 MP/4K: max 100 m (328.08 ft) AHD-720p: max 300 m (984.25 ft); 1080p: max 200 m (656.17 ft); 4 MP/5 MP/4K: max 100 m (328.08 ft)
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
UTP Cable Connector	Differential mode: 1 KV; common mode: 2 KV Standard: IEC61000-4-5

Impedance

BNC Male Impedance	75 Ω
UTP Cable Impedance	100 Ω

Physical Properties

Size	155 mm \times 21 mm \times 20 mm (6.1" \times 0.83" \times 0.79")
Shell	ABS
Color	Black
Weight	18.5 g/pair (0.04lb)

Stability

MTBF	>10,000 hrs
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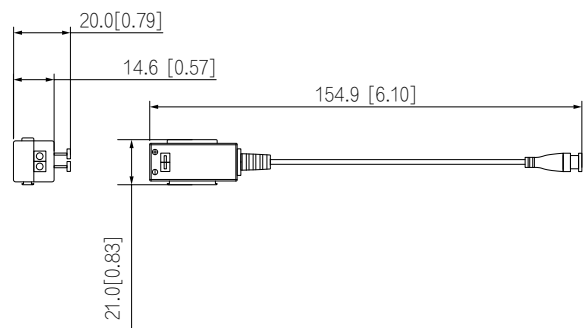
Environmental

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

Certifications

Certification	CE: EN 5032, EN 55035, EN 61000-3-2, EN 61000-3-3 FCC: FCC Part 15
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Dimensions (mm[inch])



Application

