

User manual

Code: PFM800-E
VIDEO BALUN PFM800-EDAHUA

Caveat!

Please read the user manual contained in this publication, as it contains important information on the safety of the installation and use of the device.

Only people who have read the user manual can use the device.

The user manual should be kept for future reference. The device must be used only for the purposes indicated in this manual.

The device must be unpacked before commissioning. After unpacking, make sure the device is in good condition.

If the product is defective, it must not be used until it is repaired.

The product is designed for domestic and commercial use and may not be used for purposes other than those intended.

The manufacturer is not responsible for damages derived from non-compliance with the rules contained in the user manual, so it is recommended to follow the aforementioned safety instructions for the operation, use and maintenance of the device. This will ensure your safety and prevent damage to the device.

The manufacturer and supplier are not responsible for any damage or loss caused by the product, including economic or intangible loss, loss of profit, income, data, enjoyment of using the product or other products related to it.

- indirect, incidental or consequential loss or destruction. The foregoing shall apply regardless of whether the loss or destruction refers to:

1. Deterioration of the quality or malfunction of the product or products related to it, due to damage, and the lack of availability of the product when it is being repaired, which has caused inactivity, loss of user time or interruption of the activity of the company;
2. Inadequate performance of the product or related products;
3. This applies to loss and damage of any legal category, including negligence and other torts, breach of contract, express or implied warranty, and strict liability (even if the manufacturer or supplier has been advised of the possibility of such damages).

Security measures:

In the design phase, special attention was paid to the quality standards of the device in which the most important factor is to ensure the safety of the operation.

The device must be protected from contact with corrosive, coloring and viscous liquids.

PFM800-E is designed for the transmission of video signals over a twisted pair cable. The equipment adapts the impedance of the 75 Ω coaxial cable to the impedance of the symmetrical cable, which guarantees the transmission of the video signal at a distance of up to 400m @ 720p (category 5 twisted pair cable) and eliminates asymmetric interference.

Pay attention to the correct connection of terminals (+) and (-). Reverse connection will cause image distortion.



Included in the package:	2 pcs. The indicated price is for a package
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Standard:	<ul style="list-style-type: none">• AHD - 4 Mpx,• HD-CVI - 4 Mpx,• HD-TVI - 5 Mpx,• CVBS - PAL, NTSC
Type of device:	Passive
Number of channels.:	1
Video transmission range:	<ul style="list-style-type: none">• 250 m @ 720p - UTP of the cat. 5e• 150 m @ 1080p - UTP of the cat. 5e• 400 m @ CVBS - PAL, NTSC - UTP of the cat. 5e
Attenuation:	<ul style="list-style-type: none">• 4.43 MHz @ 0.55 dB• 11 MHz @ 0.84 dB• 21 MHz @ 1.24dB• 38 MHz @ 2.85 dB• 42 MHz @ 3.20 dB• 67.5 MHz @ 2.87 dB Dimming applies to two devices connected to each other
CMRR (dB @ 5MHz):	60dB
Coaxial connector impedance:	75 Ω
Symmetrical plug impedance:	100 Ω
Coax Connector Type:	BNC - Connector with cable
Symmetrical plug type:	elastic terminals
Operating temperature:	-10°C ... 55°C
Permissible ambient relative humidity:	< 95%
Weight:	0.019kg
Dimensions:	49x20x20mm
Manufacturer / Brand:	DAHUA
Warranty:	lifetime warranty



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Connectors:



Connection of the twisted pair cable to the transformer:



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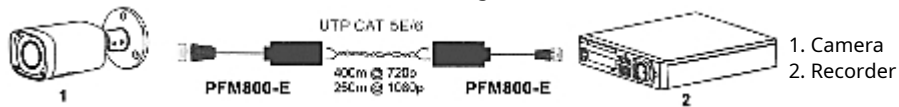
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The shells are made in such a way that they can be connected to each other:



Connection diagram:



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Packaging:

