

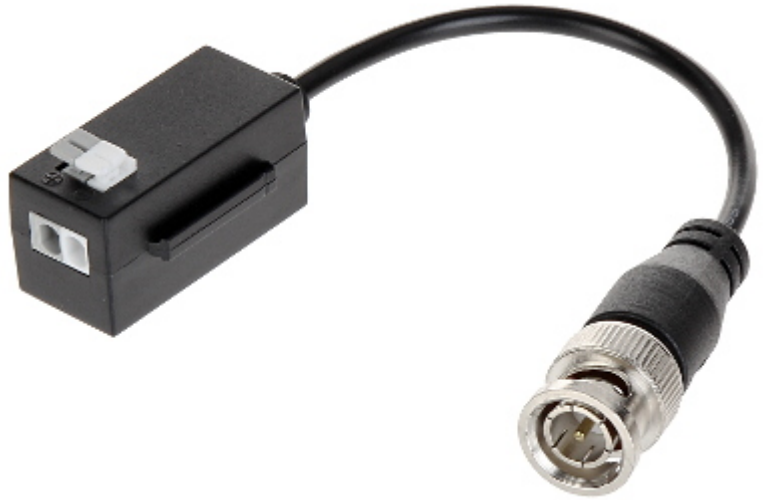
Code: PFM800-4MP

## VIDEO BALUN **PFM800-4MP** DAHUA

Net: **7.03 EUR** Gross: **7.03 EUR**

The PFM800-4MP is designed to video signal transmission via twisted-pair cable. The device adapts the impedance of coaxial cable  $75\Omega$  to the impedance of symmetrical line, ensuring transmission of video signal up to 400m (twisted-pair cable category 5) and eliminates asymmetric interferences.

It is important to pay attention to linking the adequate terminals: (+) and (-). Reverse connection would cause distortion of image.



### SPECIFICATION

In package:	<b>2 pcs The price for package</b>
Standard:	<ul style="list-style-type: none"><li>• AHD - 5 Mpx,</li><li>• HD-CVI - 8 Mpx 4K UHD,</li><li>• HD-TVI - 8 Mpx 4K UHD,</li><li>• CVBS - PAL, NTSC</li></ul>
Device type:	Passive
Number of channels:	1
Video transmission range:	<ul style="list-style-type: none"><li>• 250 m @ 720p - UTP cat. 5e</li><li>• 150 m @ 1080p - UTP cat. 5e</li><li>• 400 m @ CVBS - PAL / NTSC - UTP cat. 5e</li></ul>
Attenuation:	<ul style="list-style-type: none"><li>• 4.43 MHz @ 4.45 dB</li><li>• 11 MHz @ 4.82 dB</li><li>• 21 MHz @ 5.76 dB</li><li>• 38 MHz @ 7.41 dB</li><li>• 42 MHz @ 7.65 dB</li><li>• 67.5 MHz @ 7.51 dB</li></ul> The attenuation applies to two devices connected to each other
CMRR (dB @ 5MHz):	> 60 dB
Coaxial socket impedance:	75 $\Omega$
Symmetrical socket impedance:	100 $\Omega$
Coaxial socket type:	BNC - Plug with cable
Symmetrical socket type:	Spring terminals
Operation temp:	-10 °C ... 55 °C
Permissible relative humidity:	< 95 %
Weight:	0.021 kg
Dimensions:	33 x 21 x 20 mm
Manufacturer / Brand:	DAHUA
Guarantee:	<b>3 years</b>

### PRESENTATION



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Connectors:



Connecting the twisted-pair cable to the transformer:





The enclosures are made so that can be joined them to each other:



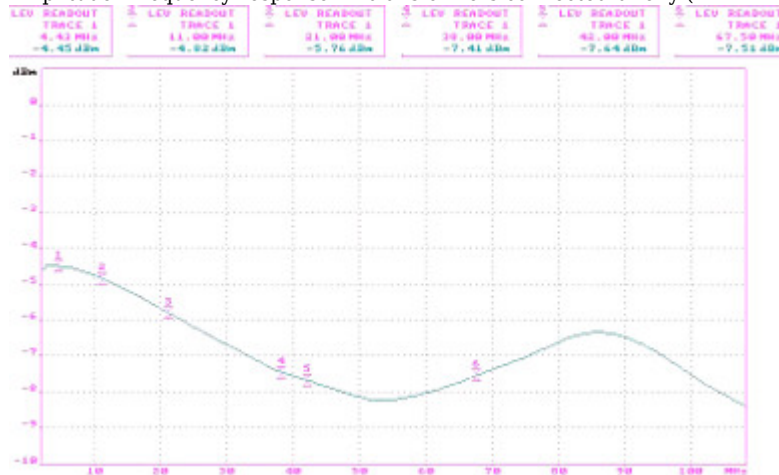
Connection diagram:



1. Camera
2. Recorder

## OUR TESTS

Amplitude - frequency response - 2 transformers connected briefly (RF PWR OUT = 0 dBm):



## OUR OPINIONS



- The enclosures are made so that can be joined them to each other.
- Tiny dimensions allow to easy montage of the transformers even in case of thick BNC sockets mounted.
- Spring terminals for twisted-pair cable allow to quick assembly without any tools.



- Due to the large attenuation, it is not recommended to use with a longer twisted pair cable.

## PACKAGE

Dimensions (L x W x H): 0x0x0 mm	Gross Weight: 0 kg
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