

Code: TR-1D\*P2

## VIDEO BALUN TR-1D\*P2

Net: 2.40 EUR Gross: 2.95 EUR

The TR-1D\*P2 is designed to video signal transmission via twisted-pair cable. The device adapts the impedance of coaxial cable 75Ω 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:	2 pcs The price for package
Standard:	<ul style="list-style-type: none"><li>• AHD - 8 Mpx 4K UHD,</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>
Coaxial socket voltage range 75Ω (CVBS):	1 Vpp
Attenuation:	<ul style="list-style-type: none"><li>• 4.43 MHz @ 0.43 dB</li><li>• 11 MHz @ 0.65 dB</li><li>• 21 MHz @ 0.93 dB</li><li>• 38 MHz @ 1.54 dB</li><li>• 42 MHz @ 1.90 dB</li><li>• 67.5 MHz @ 2.10 dB</li></ul> The attenuation applies to two devices connected to each other
CMRR (dB @ 5MHz):	60 dB
Coaxial socket impedance:	75 Ω
Symmetrical socket impedance:	100 Ω
Coaxial socket type:	BNC Plug with cable 0.09 m
Symmetrical socket type:	Cable terminals
Operation temp:	-10 °C ... 55 °C
Permissible relative humidity:	< 95 %
Weight:	0.018 kg

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Dimensions:	16 x 15 x 43 mm
Guarantee:	<b>Lifetime warranty</b>

## PRESENTATION

Connecting the twisted-pair cable to the transformer:



The device has very small dimensions:

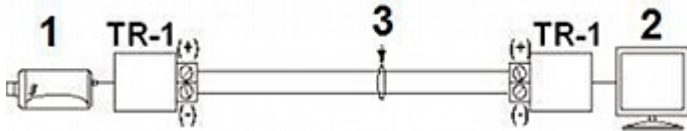


Connectors view:



Connection diagram:

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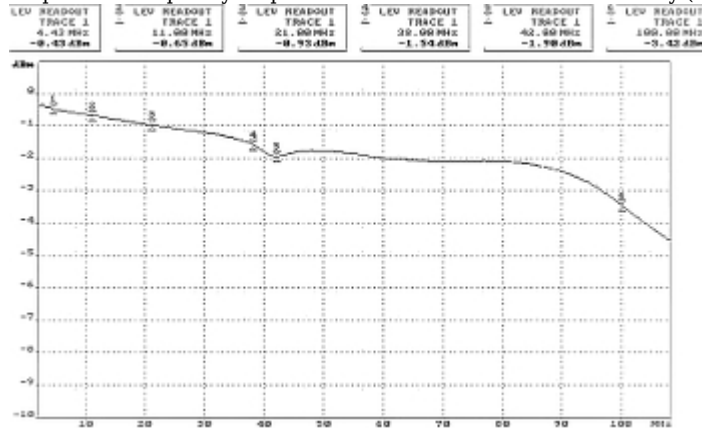


- 1) Camera
  - 2) Monitor
  - 3) Twisted-pair cable (1 pair)
- Package:



## OUR TESTS

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



## PACKAGE

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