

Code: TR-1D-HD\*P2

## VIDEO BALUN TR-1D-HD\*P2

Net: 3.27 EUR Gross: 4.02 EUR

The TR-1D-HD\*P2 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 250m @ 720p / 150m @ 1080p (twisted-pair cable category 5e) and eliminates asymmetric interferences.

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



### SPECIFICATION

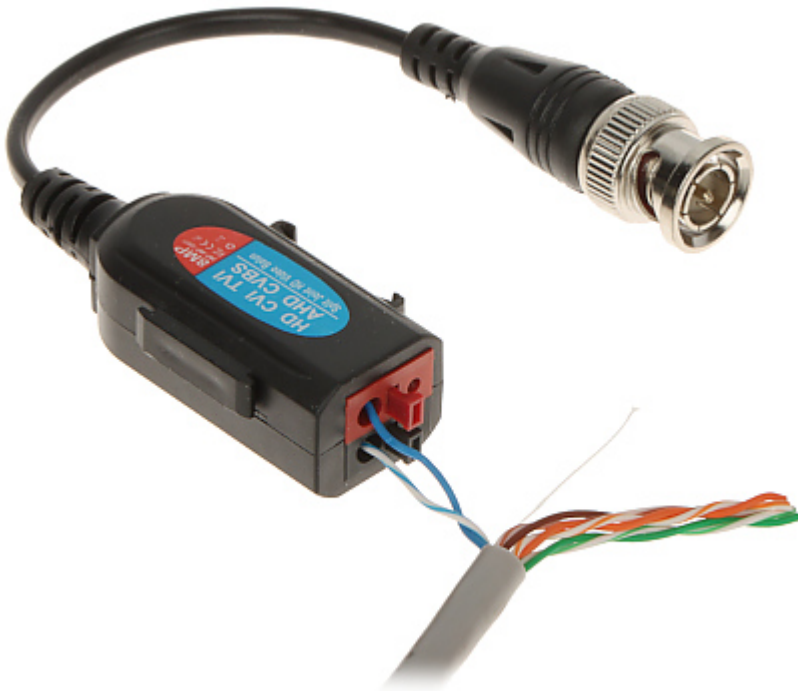
In package:	2 pcs The price for package
Standard:	<ul style="list-style-type: none"><li>• AHD - 8 Mpx 4K UHD,</li><li>• HD-CVI - 8 Mpx 4K UHD,</li><li>• HD-TVI - 8 Mpx 4K UHD,</li><li>• CVBS - PAL, NTSC</li></ul>
Device type:	Passive
Number of channels:	1
Video transmission range:	<ul style="list-style-type: 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>
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 @ 1.26 dB</li><li>• 42 MHz @ 1.62 dB</li><li>• 67.5 MHz @ 2.28 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 ... 70 °C
Permissible relative humidity:	< 95 %
Weight:	0.02 kg
Dimensions:	42 x 15.9 x 23 mm
Guarantee:	<b>Lifetime warranty</b>

### PRESENTATION

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Connecting the twisted-pair cable to the transformer:

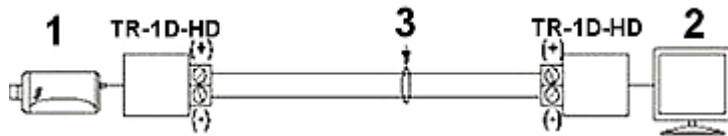




The enclosures are made so that can be joined them to each other:



Connection diagram:



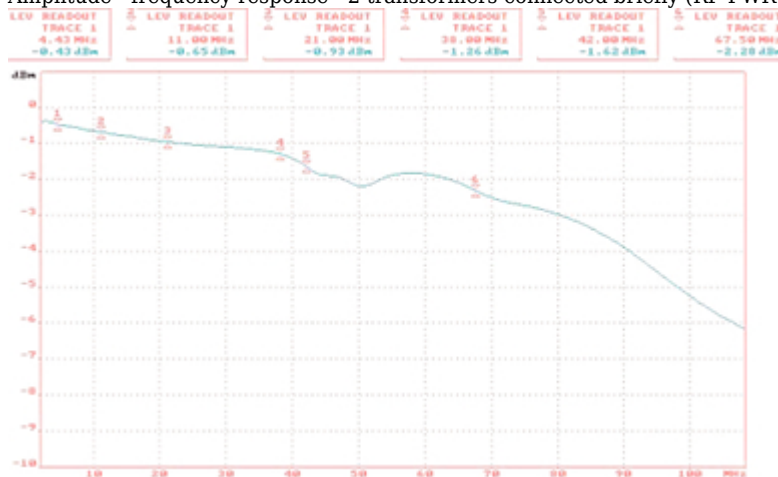
- 1) Camera
  - 2) Monitor
  - 3) Twisted-pair cable (1 pair)
- Package:





## OUR TESTS

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



## OUR OPINIONS



- 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.
- **Lifetime warranty.**