

Code: TR-1CL\*P2

## VIDEO BALUN TR-1CL\*P2

Net: 2.95 EUR Gross: 3.63 EUR

The TR-1CL\*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

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>
<b>In package:</b>	<b>2 pcs The price for package</b>
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 @ 0.36 dB</li><li>• 11 MHz @ 0.53 dB</li><li>• 21 MHz @ 0.78 dB</li><li>• 38 MHz @ 1.04 dB</li><li>• 42 MHz @ 1.30 dB</li><li>• 67.5 MHz @ 1.86 dB</li></ul> The attenuation applies to two devices connected to each other
CMRR (dB @ 5MHz):	50 dB
Coaxial socket impedance:	75 Ω
Symmetrical socket impedance:	100 Ω
Coaxial socket type:	BNC Straight plug
Symmetrical socket type:	Spring terminals
Operation temp:	-10 °C ... 55 °C
Permissible relative humidity:	< 95 %
Weight:	0.016 kg
Dimensions:	59 x 19 x 16 mm
Guarantee:	<b>Lifetime warranty</b>

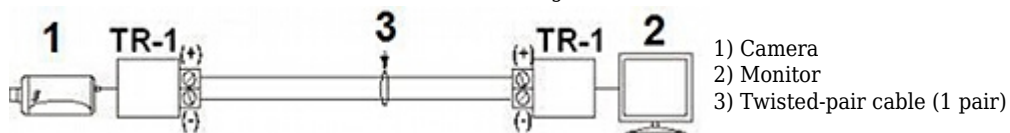
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## PRESENTATION

Connecting the twisted-pair cable to the transformer:



Connection diagram:



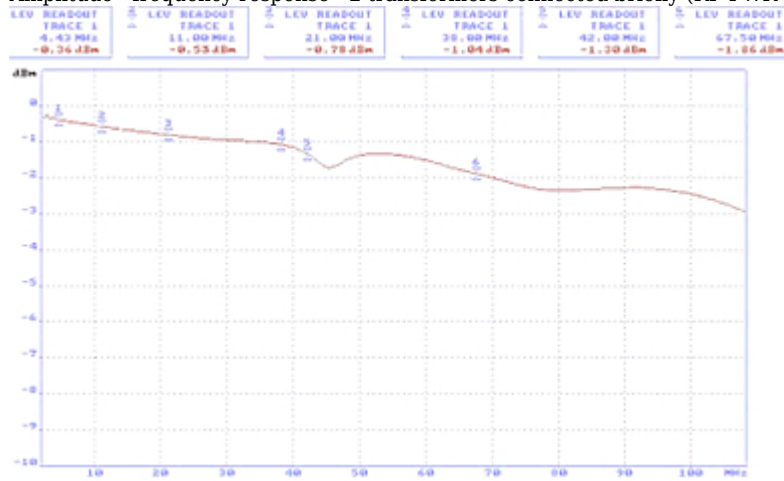
Package:



## OUR TESTS

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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.**

