

Code: TR-1CL*P2

VIDEO BALUN TR-1CL*P2

Net: 2.86 EUR Gross: 2.86 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">• AHD - 8 Mpx 4K UHD,• HD-CVI - 8 Mpx 4K UHD,• HD-TVI - 8 Mpx 4K UHD,• CVBS - PAL, NTSC
In package:	2 pcs The price for package
Device type:	Passive
Number of channels:	1
Video transmission range:	<ul style="list-style-type: none">• 250 m @ 720p - UTP cat. 5e• 150 m @ 1080p - UTP cat. 5e• 400 m @ CVBS - PAL / NTSC - UTP cat. 5e
Coaxial socket voltage range 75Ω (CVBS):	1 Vpp
Attenuation:	<ul style="list-style-type: none">• 4.43 MHz @ 0.36 dB• 11 MHz @ 0.53 dB• 21 MHz @ 0.78 dB• 38 MHz @ 1.04 dB• 42 MHz @ 1.30 dB• 67.5 MHz @ 1.86 dB 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:	Lifetime warranty

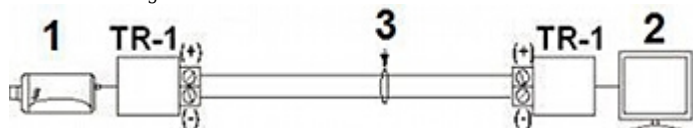
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PRESENTATION

Connecting the twisted-pair cable to the transformer:



Connection diagram:



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

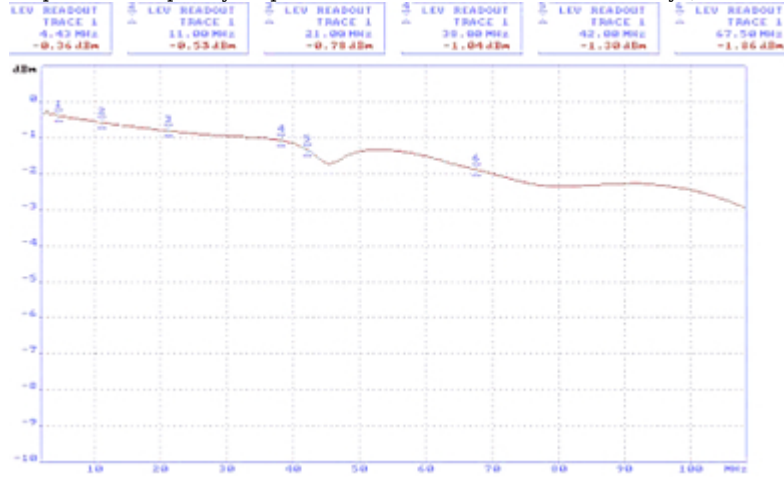
Package:



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.**

PACKAGE

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