

Code: TR-1B*P2

VIDEO BALUN TR-1B*P2

Net: 2.25 EUR Gross: 2.77 EUR

The TR-1B*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

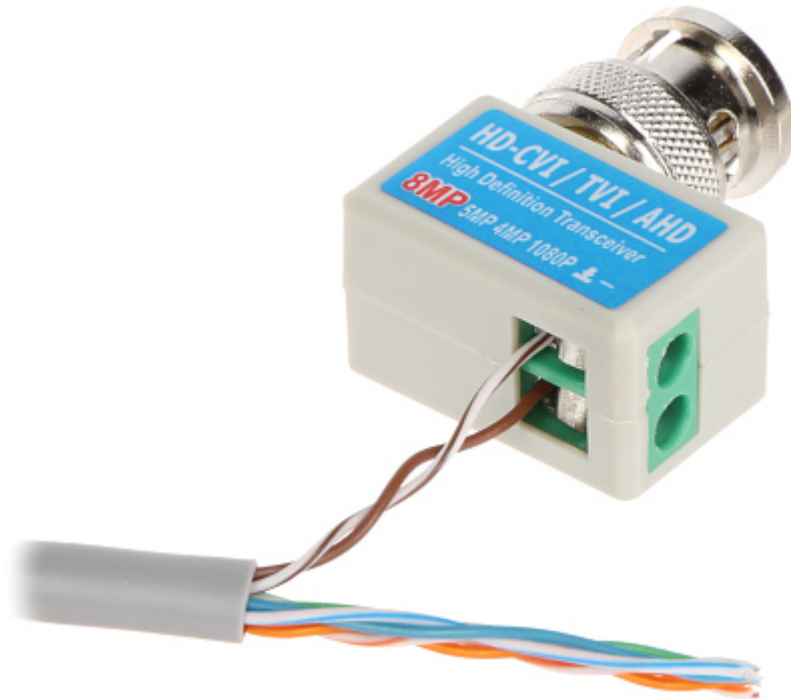
In package:	2 pcs The price for package
Standard:	<ul style="list-style-type: none">• AHD - 8 Mpx 4K UHD,• HD-CVI - 8 Mpx 4K UHD,• HD-TVI - 8 Mpx 4K UHD,• CVBS - PAL, NTSC
Device type:	Passive
Number of channels:	1
Video transmission range:	<ul style="list-style-type: none">• 250 m @ 720p - UTP cat. 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 @ 0.21 dB• 11 MHz @ 0.32 dB• 21 MHz @ 0.50 dB• 38 MHz @ 0.73 dB• 42 MHz @ 0.81 dB• 67.5 MHz @ 1.99 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 - Angular plug
Symmetrical socket type:	Cable terminals

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Operation temp:	-10 °C ... 55 °C
Permissible relative humidity:	< 95 %
Weight:	0.01 kg
Dimensions:	32 x 24 x 15 mm
Guarantee:	Lifetime warranty

PRESENTATION

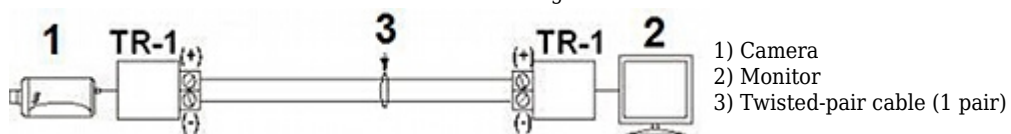
Connecting the twisted-pair cable to the transformer:



The device is tiny sizes:



Connection diagram:

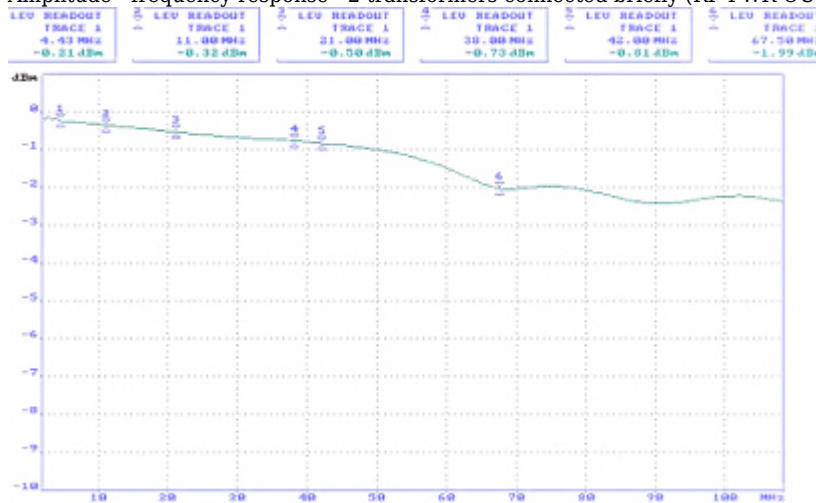


Package:



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.
- **Lifetime warranty.**