Code: TR-1D*P2

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

Net: 2.71 EUR Gross: 2.71 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: | • AHD - 8 Mpx 4K UHD,<br>• HD-CVI - 8 Mpx 4K UHD,<br>• HD-TVI - 8 Mpx 4K UHD,<br>• CVBS - PAL, NTSC |
| Device type: | Passive |
| Number of channels: | 1 |
| Video transmission range: | • 250 m @ 720p - UTP cat. 5e<br>• 150 m @ 1080p - UTP cat. 5e<br>• 400 m @ CVBS - PAL / NTSC - UTP cat. 5e |
| Coaxial socket voltage range 75Ω (CVBS): | 1 Vpp |
| Attenuation: | • 4.43 MHz @ 0.43 dB<br>• 11 MHz @ 0.65 dB<br>• 21 MHz @ 0.93 dB<br>• 38 MHz @ 1.54 dB<br>• 42 MHz @ 1.90 dB<br>• 67.5 MHz @ 2.10 dB<br>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: | **Lifetime warranty** |

**PRESENTATION**

Connecting the twisted-pair cable to the transformer:



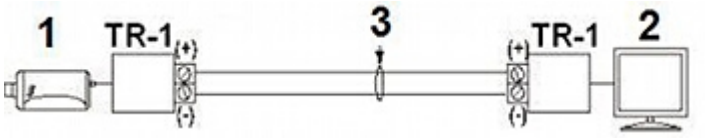
The device has very small dimensions:



Connectors view:



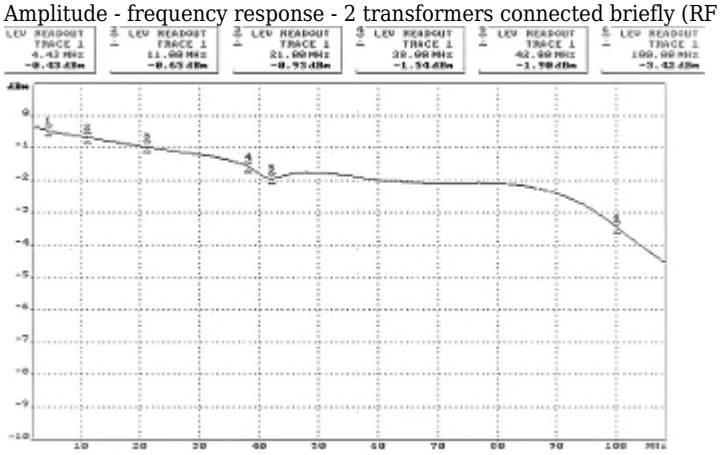
Connection diagram:




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

**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 |

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