

Code: TR-1RJ\*P2

## VIDEO BALUN TR-1RJ\*P2

Net: 6.11 EUR Gross: 6.11 EUR

The TR-1RJ\*P2 is designed to video signals transmission and power supplying via twisted-pair cable (UTP, FTP). 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.

If the power connectors are not used, they can be used to DATA transmission.



### SPECIFICATION

<b>In package:</b>	<b>2 pcs The price for package</b>
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, 1 DC
Coaxial socket voltage range 75Ω (CVBS):	1 Vpp
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>
LED indication:	green LED - power indicator
Attenuation:	<ul style="list-style-type: none"><li>• 4.43 MHz @ 0.95 dB</li><li>• 11 MHz @ 1.17 dB</li><li>• 21 MHz @ 1.41 dB</li><li>• 38 MHz @ 1.94 dB</li><li>• 42 MHz @ 2.02 dB</li><li>• 67.5 MHz @ 2.78 dB</li></ul>
Symmetrical socket impedance:	100 Ω
Connectors type:	Video - BNC Plug with cable Power supply - Socket / Plug 2.1/5.5 mm
Symmetrical socket type:	RJ-45 (8-pin, 4 pairs) Socket
Permissible relative humidity:	< 95 %
Operation temp:	-50 °C ... 55 °C
Power supply distance:	<ul style="list-style-type: none"><li>• Power supply 12V DC</li></ul> 100 m @ 160 mA 80 m @ 200 mA 60 m @ 270 mA 40 m @ 410 mA
Weight:	0.039 kg
Dimensions:	66 x 35 x 22 mm
Guarantee:	2 years

### PRESENTATION

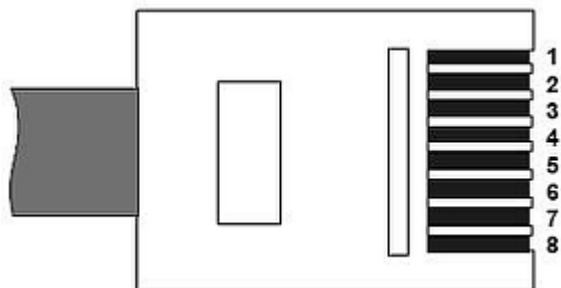
Connectors:



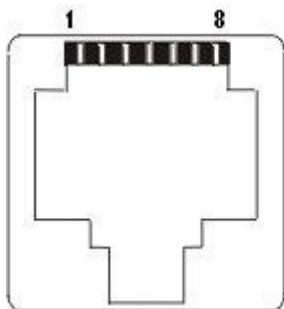
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Wiring sequence inside the RJ-45 plug:



- 1) White/Orange - video signal (+)
- 2) Orange - video signal (-)
- 3) White/Green - power supply (+)
- 4) Blue - power supply (+)
- 5) White/Blue - power supply (+)
- 6) Green - power supply (-)
- 7) White/Brown - power supply (-)
- 8) Brown - power supply (-)



Power plug polarization

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

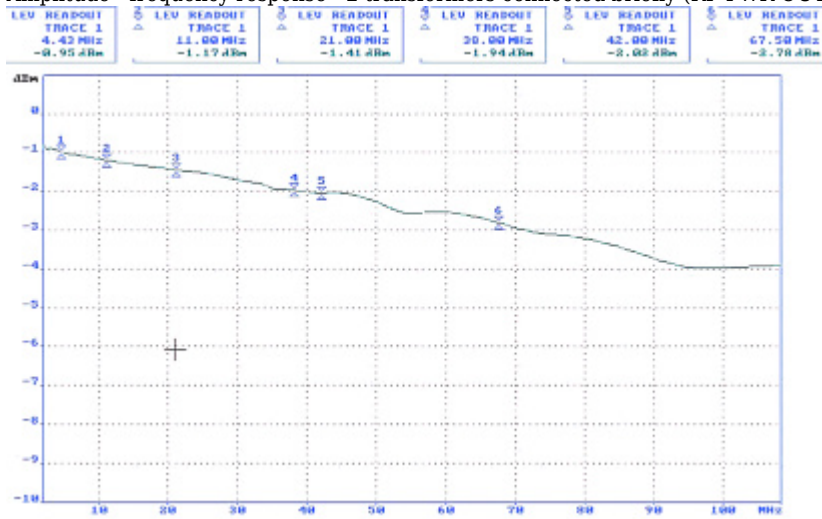


Package:



**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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