

Code: TR-1/PV\*P2

## VIDEO BALUN **TR-1/PV\*P2**

The TR-1/PV\*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.



<b>In package:</b>	<b>2 pcs The price for package</b>
Standard:	<ul style="list-style-type: none"> <li>• AHD - 8 Mpx,</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:	<ul style="list-style-type: none"> <li>• 1 x Video</li> <li>• 1 x DC</li> </ul>
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>
Attenuation:	<ul style="list-style-type: none"> <li>• 4.43 MHz @ 0.51 dB</li> <li>• 11 MHz @ 0.68 dB</li> <li>• 21 MHz @ 0.91 dB</li> <li>• 38 MHz @ 1.52 dB</li> <li>• 42 MHz @ 1.69 dB</li> <li>• 67.5 MHz @ 1.93 dB</li> </ul>
Symmetrical socket impedance:	100 Ω
Connectors type:	BNC Plug with cable - Video 2.1 / 5.5 mm - Socket / Plug with cable DC
Symmetrical socket type:	RJ-45 (8-pin, 4 pairs) Socket



# DATA SHEET

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><li>100 m @ 160 mA</li><li>90 m @ 180 mA</li><li>80 m @ 200 mA</li><li>70 m @ 230 mA</li><li>60 m @ 270 mA</li><li>50 m @ 330 mA</li><li>40 m @ 410 mA</li><li>30 m @ 550</li><li>20 m @ 820 mA</li><li>10 m @ 1.65 A</li></ul>
Weight:	0.080 kg
Dimensions:	62 x 33 x 25 mm
Guarantee:	2 years

