

Code: TR-1PV/G

## VIDEO BALUN **TR-1PV/G**



The TR-1PV/G 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.

Standard:	<ul style="list-style-type: none"> <li>• AHD-M - 720p,</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>• 400 m @ CVBS - PAL / NTSC - UTP cat. 5e</li> </ul>
Attenuation:	<ul style="list-style-type: none"> <li>• 4.43 MHz @ 0.96 dB</li> <li>• 11 MHz @ 1.66 dB</li> <li>• 21 MHz @ 3.27 dB</li> <li>• 38 MHz @ 33.23 dB</li> <li>• 42 MHz @ 31.77 dB</li> <li>• 67.5 MHz @ 5.42 dB</li> </ul>
Symmetrical socket impedance:	100 Ω
Connectors type:	<ul style="list-style-type: none"> <li>• Video - BNC Angular plug,</li> <li>• Power supply - Socket 2.1 / 5.5 mm</li> </ul>
Symmetrical socket type:	RJ-45 (8-pin, 4 pairs) Socket
Permissible relative humidity:	< 95 %
Operation temp:	-50 °C ... 55 °C



# DATA SHEET

Power supply distance:	<ul style="list-style-type: none"><li>• Power supply 12V DC</li></ul> 118 m @ 100 mA 79 m @ 150 mA 59 m @ 200 mA 47 m @ 250 mA
Weight:	0.030 kg
Dimensions:	41 x 39 x 22 mm
Guarantee:	2 years