

Code: TR-4M

## VIDEO BALUN **TR-4M**

The TR-4M is designed for 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.

All is placed inside metal housing.



Standard:	<ul style="list-style-type: none"> <li>• AHD - 5 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:	4 pcs Video
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>
Coaxial socket voltage range 75Ω (CVBS):	1 Vpp
Attenuation:	<ul style="list-style-type: none"> <li>• 4.43 MHz @ 0.42 dB</li> <li>• 11 MHz @ 0.71 dB</li> <li>• 21 MHz @ 1.07 dB</li> <li>• 38 MHz @ 1.41 dB</li> <li>• 42 MHz @ 1.41 dB</li> <li>• 67.5 MHz @ 2.32 dB</li> </ul>
Isolation between inputs:	> -50 dB
CMRR (dB @ 5MHz):	60 dB
Coaxial socket impedance:	75 Ω
Symmetrical socket impedance:	100 Ω
Coaxial socket type:	4 x BNC Plug with cable
Symmetrical socket type:	Cable terminals / RJ-45 (8-pin, 4 pairs)
Operation temp:	-10 °C ... 70 °C
Permissible relative humidity:	< 95 %
Weight:	0.175 kg
Dimensions:	105 x 58 x 25 mm
Guarantee:	2 years