

Code: TR-1Q

VIDEO BALUN **TR-1Q**

The TR-1Q 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.



Standard:	• AHD - 5 Mpx, • HD-CVI - 8 Mpx 4K UHD, • HD-TVI - 8 Mpx 4K UHD, • CVBS - PAL, NTSC
Device type:	Passive
Number of channels:	1
Video transmission range:	• 250 m @ 720p - UTP cat. 5e • 150 m @ 1080p - UTP cat. 5e • 400 m @ CVBS - PAL / NTSC - UTP cat. 5e
Coaxial socket voltage range 75Ω (CVBS):	1 Vpp
Attenuation:	• 4.43 MHz @ 0.62 dB • 11 MHz @ 0.94 dB • 21 MHz @ 1.3 dB • 38 MHz @ 1.77 dB • 42 MHz @ 1.9 dB • 67.5 MHz @ 2.79 dB The attenuation applies to two devices connected to each other
CMRR (dB @ 5MHz):	50 dB
Coaxial socket impedance:	75Ω
Symmetrical socket impedance:	100Ω
Coaxial socket type:	BNC Straight socket
Symmetrical socket type:	Cable terminals
Operation temp:	-50 °C ... 55 °C



DATA SHEET

Permissible relative humidity:	< 95 %
Weight:	0.024 kg
Dimensions:	49 x 38 x 20 mm
Guarantee:	2 years