

Code: TR-1RJ-4K*P2

VIDEO BALUN **TR-1RJ-4K*P2**

The TR-1RJ-4K*P2 is designed to video signals transmission and power supplying via twisted-pair cable (UTP, FTP). The device adapts the impedance of coaxial cable 75 Ω to the impedance of symmetrical line, ensuring transmission of video signal up to 250m @ 720p / 150m @ 1080p (twisted-pair cable category 5e) and eliminates asymmetric interferences.



In package:	2 pcs The price for package
Standard:	• AHD - 8 Mpx 4K UHD, • HD-CVI - 8 Mpx 4K UHD, • HD-TVI - 8 Mpx 4K UHD, • CVBS - PAL, NTSC
Device type:	Passive
Number of channels:	1 Video, 1 DC
Coaxial socket voltage range 75 Ω (CVBS):	1 Vpp
Video transmission range:	• 250 m @ 720p - UTP cat. 5e • 150 m @ 1080p - UTP cat. 5e • 400 m @ CVBS - PAL, NTSC - UTP cat. 5e
Attenuation:	• 4.43 MHz @ 0.64 dB • 11 MHz @ 0.85 dB • 21 MHz @ 1.09 dB • 38 MHz @ 1.19 dB • 42 MHz @ 1.23 dB • 67.5 MHz @ 2.06 dB
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 $^{\circ}\text{C}$... 55 $^{\circ}\text{C}$



DATA SHEET

Power supply distance:	Power supply 12V DC : 150 m @ 110 mA 100 m @ 160 mA 50 m @ 330 mA 30 m @ 550 mA
Weight:	0.03 kg
Dimensions:	41 x 19.3 x 19.2 mm
Guarantee:	2 years