

Code: TR-1PVD-HD*P2

VIDEO BALUN TR-1PVD-HD*P2

Net: 5.92 EUR Gross: 5.92 EUR

The set of two baluns designed to one video signal transmission, power sending and DATA channel transmission (i.e.: RS-485) 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/6) and eliminates asymmetric interferences.



SPECIFICATION

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 x Video 1 x DC 1 x DATA
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 @ 0.48 dB • 11 MHz @ 0.70 dB • 21 MHz @ 0.94 dB • 38 MHz @ 1.10 dB • 42 MHz @ 1.17 dB • 67.5 MHz @ 2.19 dB
Symmetrical socket impedance:	100 Ω
Connectors type:	• Video - BNC, Plug with cable • Plug / Socket DC - 2.1 / 5.5 mm • DATA - 2-pin
Symmetrical socket type:	RJ-45 (8-pin, 4 pairs) Socket
Permissible relative humidity:	< 95 %
Operation temp:	-20 °C ... 70 °C
Power supply distance:	Power supply 12V DC 100 m @ 100 mA 40 m @ 300 mA 25 m @ 500 mA
Weight:	0.036 kg
Dimensions:	41 x 19.4 x 19.2 mm
Guarantee:	2 years

PRESENTATION

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Connectors view:



The enclosures are made so that can be joined them to each other:

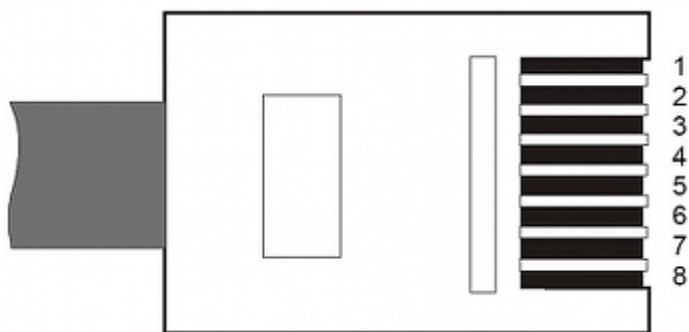




The device is tiny sizes:

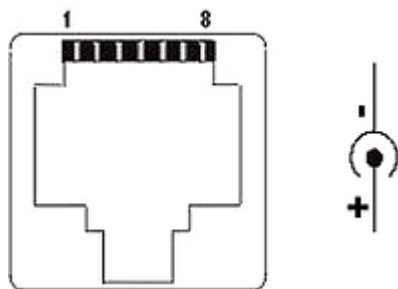


The transformers have been equipped with RJ-45 plugs backlight signaling that the device is live:



PVD standard

- 1) White/Orange - video signal (+)
- 2) Orange - video signal (-)
- 3) White/Green - (+) DATA ("R" red)
- 4) Blue - power supply (+)
- 5) White/Blue - power supply (+)
- 6) Green - (-) DATA ("B" black)
- 7) White/Brown - power supply (-)
- 8) Brown - power supply (-)



Power plug polarization
Transmission schematic diagram:



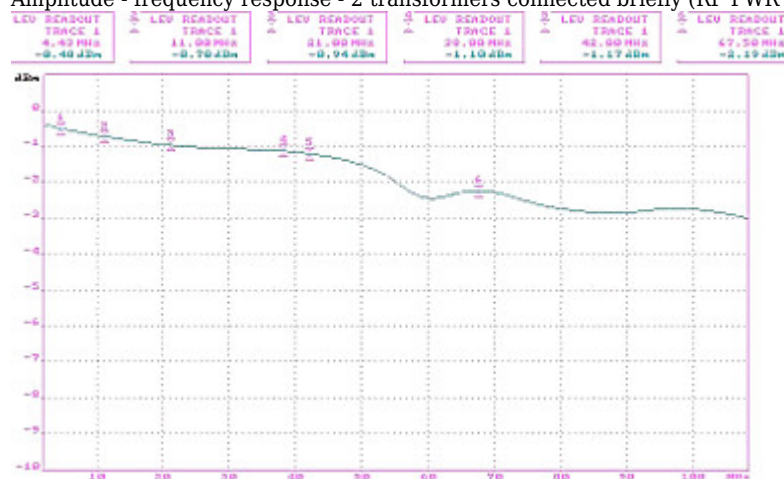
1) AHD, CVI, TVI, PAL

Package:



OUR TESTS

Amplitude - frequency response - 2 transformers connected briefly (RF PWR OUT = 0 dBm):



PACKAGE

Dimensions (L x W x H): 0x0x0 mm	Gross Weight: 0 kg
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