

Code: TR-1PVD

VIDEO BALUN TR-1PVD

Net: 9.64 EUR Gross: 9.64 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 75Ω to the impedance of symmetrical line, ensuring transmission of video signal up to 400m (twisted-pair cable category 5) and eliminates asymmetric interferences.



SPECIFICATION

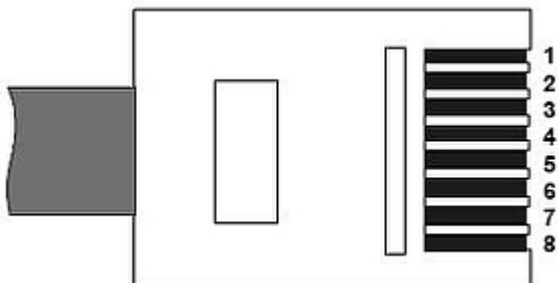
In package:	2 pcs The price for package
Device type:	Passive
Number of channels:	1 Video 1 DC 1 DATA
Coaxial socket voltage range 75Ω (CVBS):	1 Vpp
Insertion loss:	-0.5 dB @ 5 MHz Video
Video transmission range:	max. 400 m UTP cat. 5e
Video bandwidth:	0 ... 10 MHz (-3 dB)
Symmetrical socket impedance:	100 Ω
Connectors type:	BNC Angular plug Video 2.1 / 5.5 mm Plug DC pair of wires Black + Red DATA
Symmetrical socket type:	RJ-45 (8-pin, 4 pairs) Socket
Operation temp:	-50 °C ... 55 °C
Permissible relative humidity:	< 95 %
Power supply distance:	• Power supply 12V DC 118 m @ 100 mA 79 m @ 150 mA 59 m @ 200 mA 47 m @ 250 mA
Weight:	0.030 kg
Dimensions:	42 x 39 x 22 mm
Guarantee:	2 years

PRESENTATION

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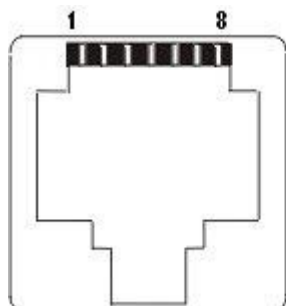


Wiring sequence inside the RJ-45 plug:



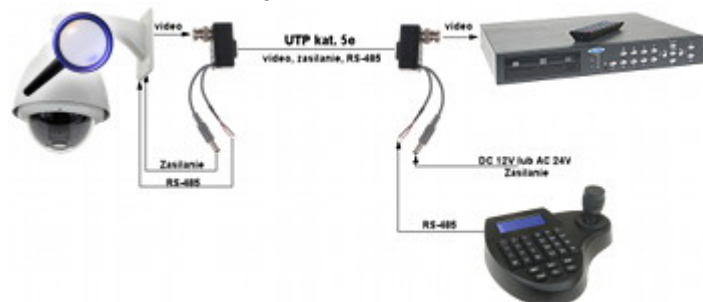
PVD standard

- 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:



PACKAGE

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