

Code: TR-1PV/G

VIDEO BALUN TR-1PV/G

Net: 0.21 USD Gross: 0.26 USD



The TR-1PV/G is designed to video signals transmission and power supplying 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. If the power connectors are not used, they can be used to DATA transmission.

SPECIFICATION

Standard:	<ul style="list-style-type: none">• AHD-M - 720p,• CVBS - PAL, NTSC
Device type:	Passive
Number of channels:	1 Video 1 DC
Coaxial socket voltage range 75Ω (CVBS):	1 Vpp
Video transmission range:	<ul style="list-style-type: none">• 250 m @ 720p - UTP cat. 5e• 400 m @ CVBS - PAL / NTSC - UTP cat. 5e
Attenuation:	<ul style="list-style-type: none">• 4.43 MHz @ 0.96 dB• 11 MHz @ 1.66 dB• 21 MHz @ 3.27 dB• 38 MHz @ 33.23 dB• 42 MHz @ 31.77 dB• 67.5 MHz @ 5.42 dB
Symmetrical socket impedance:	100 Ω
Connectors type:	<ul style="list-style-type: none">• Video - BNC Angular plug,• Power supply - Socket 2.1 / 5.5 mm
Symmetrical socket type:	RJ-45 (8-pin, 4 pairs) Socket
Permissible relative humidity:	< 95 %
Operation temp:	-50 °C ... 55 °C
Power supply distance:	<ul style="list-style-type: none">• Power supply 12V DC 118 m @ 100 mA 79 m @ 150 mA 59 m @ 200 mA 47 m @ 250 mA
Weight:	0.030 kg

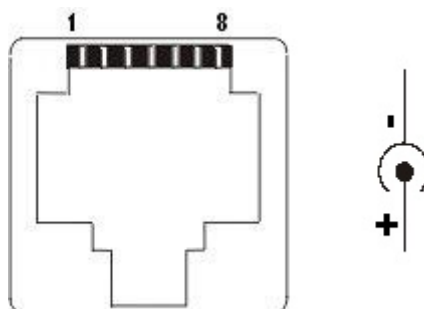
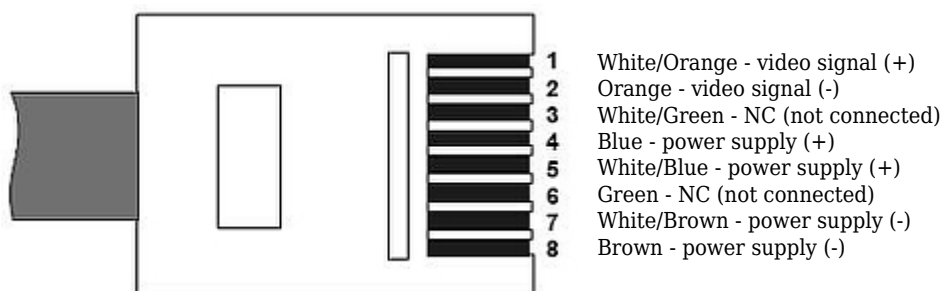
DELTA-OPTI Monika Matysiak; <https://www.delta.poznan.pl>
POL; 60-713 Poznań; Graniczna 10
e-mail: delta-opti@delta.poznan.pl; tel: +(48) 61 864 69 60

Dimensions:	41 x 39 x 22 mm
Guarantee:	2 years

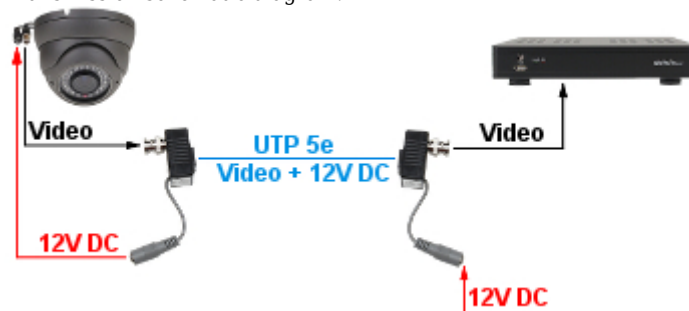
PRESENTATION



Wiring sequence inside the RJ-45 plug:



Transmission schematic diagram:



OUR TESTS

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

