

Code: TR-1ECO

VIDEO BALUN TR-1ECO

Net: 2.16 EUR Gross: 2.16 EUR

The TR-1ECO 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.



SPECIFICATION

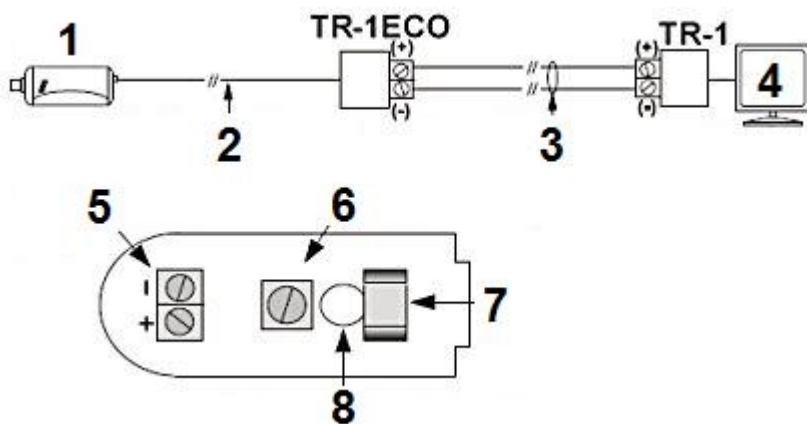
Standard:	• AHD - 5 Mpx, • HD-CVI - 8 Mpx 4K UHD, • HD-TVI - 8 Mpx 4K UHD, • CVBS - PAL, NTSC
Device type:	Passive
Number of channels:	1
Video transmission range:	• 250 m @ 720p - UTP cat. 5e • 150 m @ 1080p - UTP cat. 5e • 400 m @ CVBS - PAL / NTSC - UTP cat. 5e
Coaxial socket voltage range 75Ω (CVBS):	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:	75 Ω
Symmetrical socket impedance:	100 Ω
Coaxial socket type:	Cable terminals
Symmetrical socket type:	Cable terminals
Operation temp:	-50 °C ... 55 °C
Permissible relative humidity:	< 95 %
Weight:	0.024 kg
Dimensions:	49 x 38 x 20 mm

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Manufacturer / Brand:	DELTA
Guarantee:	3 years

PRESENTATION

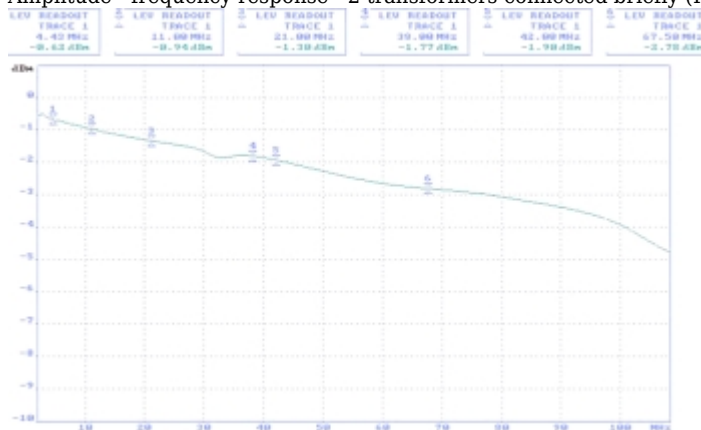




- 1) Camera
- 2) Coaxial cable
- 3) 1-pair cable
- 4) Monitor
- 5) Terminals (twisted-pair)
- 6) Terminal for inner wire
- 7) Clamp for cable shield (to clamp with pliers)
- 8) Hole (6,5mm) for possible fixing with a screw

OUR TESTS

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



Picture at transmission for 0 m distance:



Picture at transmission for 300 m distance:



PACKAGE

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