DATA SHEET

Code: TR-1P+1AU/50

VIDEO-AUDIO BALUN **TR-1P+1AU/50**

The TR-1P+1AU/50 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. For the audio signal is the galvanic separation and the device adapts 600Ω signal impedance to twisted pair cable impedance, what guarantees audio signal transmission up to 1200 meters. If the power connectors are not used, they can be used to DATA transmission.



Standard:	• AHD - 8 Mpx 4K UHD • HD-CVI - 8 Mpx 4K UHD • HD-TVI - 8 Mpx 4K UHD • CVBS - PAL / NTSC
Audio transmission range:	max. 1200 m
Video transmission range:	• 150 m @ 1080p, UTP cat. 5e • 250 m @ 720p, UTP cat. 5e • 400 m @ CVBS - PAL / NTSC, UTP cat. 5e
Attenuation:	Video • 4.43 MHz @ 0.73 dB • 11 MHz @ 1.24 dB • 21 MHz @ 2.16 dB • 38 MHz @ 3.35 dB • 42 MHz @ 3.54 dB • 67.5 MHz @ 3.72 dB
Device type:	Passive
Number of channels:	1 Video 1 AUDIO 1 DC
Coaxial socket voltage range 75Ω (CVBS):	1 Vpp
Video transmission range:	max. 400 m UTP cat. 5e
Opto-isolation between input and output:	600 V - Audio
Coaxial socket impedance:	75 Ω Video 100 Ω AUDIO

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Symmetrical socket impedance:	100 Ω Video 100 Ω AUDIO
Connectors type:	BNC Socket Video CINCH Socket / Cable terminals AUDIO Cable terminals DC
Symmetrical socket type:	RJ-45 (8-pin, 4 pairs) Socket
Power supply distance:	**Power supply 40V DC** • 3141 m @ 50 mA • 2125 m @ 100 mA • 1549 m @ 150 mA • 1176 m @ 200 mA • 995 m @ 250 mA • 867 m @ 300 mA • 741 m @ 350 mA • 664 m @ 400 mA • 574 m @ 450 mA • 511 m @ 500 mA • 429 m @ 600 mA • 374 m @ 700 mA • 318 m @ 800 mA • 263 m @ 900 mA **Power supply 12V DC** • 235 m @ 50 mA • 156 m @ 75 mA • 117 m @ 100 mA • 94 m @ 125 mA • 78 m @ 150 mA • 58 m @ 200 mA • 50 m @ 250 mA • 47 m @ 300 mA • 39 m @ 350 mA • 29 m @ 400 mA • 26 m @ 450 mA • 23 m @ 500 mA • 19 m @ 600 mA • 16 m @ 700 mA • 14 m @ 800 mA • 13 m @ 900 mA • 11 m @ 1000 mA
Weight:	0.088 kg
Dimensions:	118 x 30 x 65 mm
Guarantee:	**3 years**
Manufacturer / Brand:	DELTA

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