

Code: TR-2P+2AU

VIDEO-AUDIO BALUN **TR-2P+2AU**

The TR-2P+2AU 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. Two devices must be used to build a complete channel for signal transmission.



Standard:	• AHD - 5 Mpx • HD-CVI - 8 Mpx 4K UHD • HD-TVI - 8 Mpx 4K UHD • CVBS - PAL / NTSC
Audio transmission range:	max. 1200 m
Device type:	Passive
Number of channels:	2 Video 2 AUDIO
Video transmission range:	max. 400 m UTP cat. 5e
Coaxial socket voltage range 75Ω (CVBS):	1 Vpp
Attenuation:	• 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
Audio bandwidth:	20 Hz ... 20 kHz
Opto-isolation between inputs and outputs:	600 V - Audio
Isolation between inputs:	> -50 dB Video
CMRR (dB @ 5MHz):	50 dB
Coaxial socket impedance:	75 Ω Video 600 Ω AUDIO



DATA SHEET

Symmetrical socket impedance:	100 Ω Video 100 Ω AUDIO
Audio input nominal level:	1 V
Audio output nominal level:	1 V
Coaxial socket type:	2 x BNC Socket Video 2 x CINCH Socket AUDIO
Symmetrical socket type:	RJ-45 (8-pin, 4 pairs) Socket
Operation temp:	-50 °C ... 55 °C
Permissible relative humidity:	< 95 %
Weight:	0.107 kg
Dimensions:	117 x 64 x 30 mm
Guarantee:	3 years
Manufacturer / Brand:	DELTA