

Code: TR-1AUZ

VIDEO BALUN TR-1AUZ

Net: 3.55 EUR Gross: 3.55 EUR

The TR-1AUZ transmitter/receiver (set) is designed to transmit video, audio signals and power via twisted-pair network cable.

If the power connectors are not used, they can be used to DATA transmission.



SPECIFICATION

In package:	2 pcs The price for package
Standard:	• AHD - 8 Mpx, • HD-CVI - 8 Mpx 4K UHD, • HD-TVI - 8 Mpx 4K UHD, • CVBS - PAL, NTSC
Audio transmission range:	1200 m
Device type:	Passive
Number of channels:	1 Video , 1 AUDIO , 1 DC
Coaxial socket voltage range 75Ω (CVBS):	1 Vpp
Video transmission range:	• 250 m @ 720p - UTP cat. 5e • 150 m @ 1080p - UTP cat. 5e • 400 m @ CVBS - PAL/NTSC - UTP cat. 5e
Isolation between inputs:	> -50 dB Video / AUDIO
CMRR (dB @ 5MHz):	50 dB
Attenuation:	• 4.43 MHz @ 0.54 dB • 11 MHz @ 0.87 dB • 21 MHz @ 1.18 dB • 38 MHz @ 1.56 dB • 42 MHz @ 1.65 dB • 67.5 MHz @ 2.17 dB
Coaxial socket impedance:	75 Ω Video 100 Ω AUDIO
Symmetrical socket impedance:	100 Ω Video 100 Ω AUDIO
Audio input nominal level:	1 Vpp
Audio output nominal level:	1 Vpp

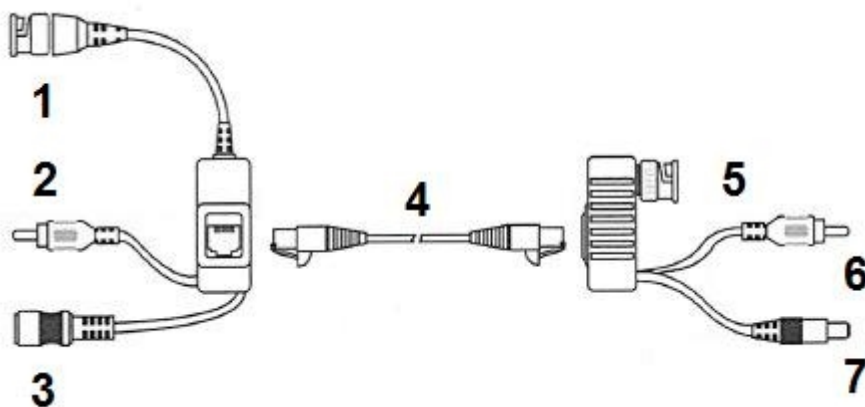
Connectors type:	BNC Plug Video CINCH Plug AUDIO 2.1 / 5.5 mm Plug DC 2.1 / 5.5 mm Socket DC
Symmetrical socket type:	RJ-45 (8-pin, 4 pairs) Socket
Permissible relative humidity:	< 95 %
Operation temp:	0 °C ... 55 °C
Power supply distance:	• Power supply 12V DC 118 m @ 100 mA 79 m @ 150 mA 59 m @ 200 mA 47 m @ 250 mA
Guarantee:	2 years

PRESENTATION



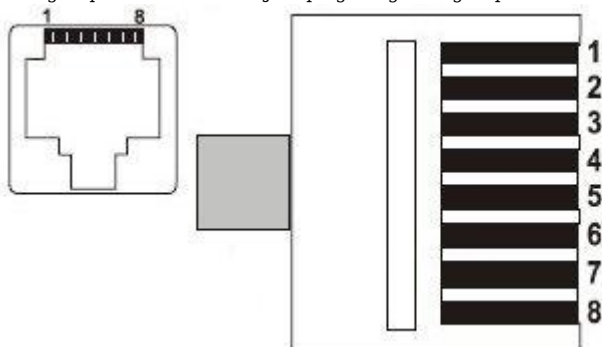


Connection diagram:



- 1) Video output
- 2) Audio output
- 3) 12V DC input
- 4) Twisted-pair cable
- 5) Video input
- 6) audio input
- 7) 12V DC output

Wiring sequence inside the RJ-45 plug. Plug wiring sequence is consistent with the T568B standard:

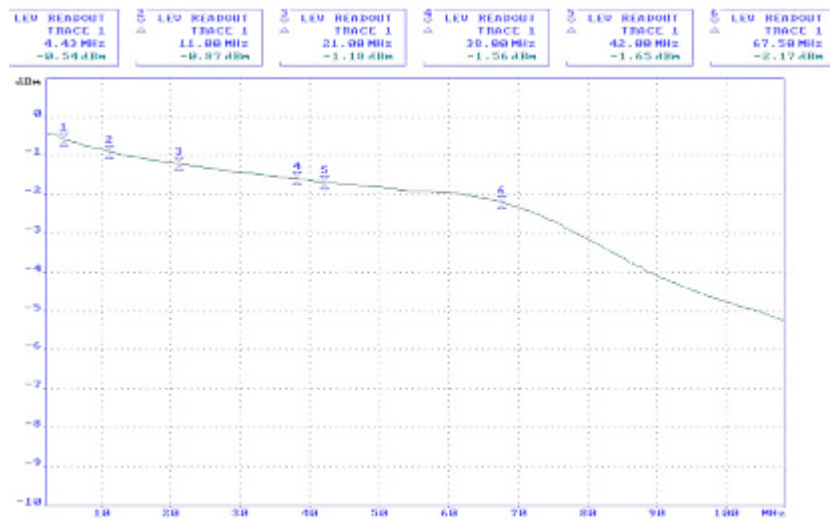


- 1) White/Orange - video signal (+)
- 2) Orange - video signal (-)
- 3) White/Green - audio (+)
- 4) Blue - power supply (+)

- 5) White/Blue - power supply (+)
- 6) Green - audio (-)
- 7) White/Brown - power supply (-)
- 8) Brown - power supply (-)

OUR TESTS

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



OUR OPINIONS



- The audio line does not have an impedance matching transformer.

PACKAGE

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