

Code: TR-4AU

AUDIO BALUN TR-4AU

Net: 22.92 EUR Gross: 28.19 EUR

The TR-4AU is designed to 4 audio signals transmission via twisted-pair cable. 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. Audio signals transmission via twisted-pair cable has the advantage over coaxial cable, because signals are transmitted differentially, what cancel out any interferences.

Two devices must be used to build a complete channel for signal transmission.



SPECIFICATION

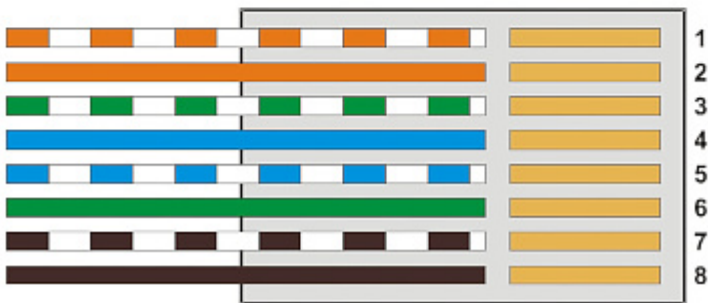
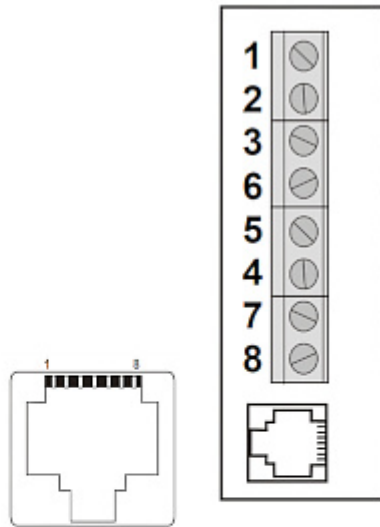
Audio transmission range:	max. 1200 m
Device type:	Passive
Number of channels:	4 AUDIO
Audio bandwidth:	20 Hz ... 20 kHz
Opto-isolation between inputs and outputs:	600 V
Coaxial socket impedance:	600 Ω
Symmetrical socket impedance:	100 Ω
Audio input nominal level:	1 V
Audio output nominal level:	1 V
Coaxial socket type:	4 x CINCH Socket
Symmetrical socket type:	RJ-45 (8-pin, 4 pairs) Socket Cable terminals
Operation temp:	-50 °C ... 55 °C
Permissible relative humidity:	< 95 %
Weight:	0.133 kg
Dimensions:	120 x 30 x 60 mm
Guarantee:	3 years
Manufacturer / Brand:	DELTA

PRESENTATION

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Cable terminals and wiring sequence inside the RJ-45 plug:



- 1) white/orange - ("+") AUDIO-1
- 2) orange - ("-") AUDIO-1
- 3) white/green - ("+") AUDIO-2
- 4) blue - ("-") AUDIO-3
- 5) white/blue - ("+") AUDIO-3
- 6) green - ("-") AUDIO-2
- 7) white/brown - ("+") AUDIO-4
- 8) brown - ("-") AUDIO-4

OUR OPINIONS



- The transformer ensures full galvanic separation for the audio signal, what eliminates interferences (hum) resulting from a ground loop.

