



Providing Effective Solutions for Audio Visual Systems

Audio & Video Balun

Features:

- Allows audio & video signal to be transmitted via a single Cat 5 Cable
- High Reliability and Durability
- Housed in a fire retardant wall mountable Case
- Low cost, high quality and performance
- Passive device (no power supply required)
- Stable over working temperature between 0 °C to +55 °C

Application:

The Audio & Video Balun enables structured audio distribution of dual mono or single stereo audio & video signals via Cat 5/Cat 6 UTP cable.

This Balun provides a low cost and versatile cabling solution for audio & video distribution, for example, VCR output to TV or Projector.

Specifications:

Bandwidth:	Video: DC to 8MHz Audio: 20Hz to 50KHz
Connector:	RCA x 3 (Yellow, White, Red)
Impedance:	RCA 75 Ω (Yellow – Video, White/Red - Audio)
Maximum distance:	Colour Video: Up to 600m via Cat 5 Audio: Up to 1500m via Cat 5
Insertion Loss:	2dB over the frequency range
Return Loss:	15dB over the frequency range
Common Mode Rejection:	>40dB at 8MHz
Cable UTP:	24 AWG or lower solid copper twisted pair wires Impedance: 100 ohm at 1MHz Capacitance: 20 pf/ft Attenuation: 6.6dB/100ft at 1MHz
RJ45 Pin out:	Video (Yellow): Pins 7, 8 L Audio (White): Pins 6, 3 R Audio (Red): Pins 2, 1
Temperature:	Operating: 0 to 55° C Storage: -20 to 85° C Humidity: Up to 95%
Dimensions:	81 x 60 x 24mm

Note: Specifications subject to change without notice.



Audio & Video Balun
3 RCA Female to 1 RJ45
Part Number: E10655



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