

### Audio Balun

#### Features:

- Allows audio signal to be transmitted via Cat 5e 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 Balun enables structured audio distribution of dual mono or single stereo audio signals via Cat 5e/Cat 6 UTP cable.

This Balun provides a low cost and versatile cabling solution for any audio distribution.

#### Specifications:

Bandwidth:	10Hz to 50KHz +/- 3dB
Impedance:	RCA 600 Ω (Red/White-Audio) to RJ45 100 Ω
Connector:	RCA x 2 (Right/Red - Left/White )
Maximum distance:	Up to 1000 metres
Isolation:	500V
Nominal Level:	1.0 volt
Insertion Loss:	1dB
Common Mode Rejection:	> 40dB
Cable UTP:	24 AWG or lower solid copper twisted pair wires
Impedance:	100 ohm at 1MHz
Max. Capacitance :	20 pf/ft
Attenuation:	6.6dB/100ft at 1MHz
RJ45 Pin out:	Left: 6 + / 3 - Right: 2 + / 1 -
Temperature:	Operating: 0 to 55° C Storage: -20 to 85° C Humidity: up to 95%
Dimensions:	49.2 x 43.0 x 21.5mm

Note: Specifications subject to change without notice.



**Audio Balun**  
**2 RCA Female to 1 RJ45**  
**Part Number: E10670**

## EQL Teleconnect

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