



LEMAR INDUSTRIAL CORP.



Audio Transceiver Box

2 x RCA to 1 x RJ45 Shielded Jack
Product number: 117402

Description:

This RCA audio balun is ideal for corporate A/V, schools, home theater and most of any other situation involving structured audio distribution and transmits dual mono or Single stereo audio signals via Cat.5/6 UTP cable.

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

It provides a versatile cabling solution for boardroom systems, classroom training, auditoriums, custom home installation and intercom systems.

Specification:

Environment	Line level unbalance analogue audio
Devices	DVD players, Satellite receivers, MPEG players, laptops, hi-fidelity Stereo Audio amplifier, audio switchers, AV monitors and other line level audio equipment
Bandwidth	10Hz to 50KHz +/- 3dB
Insertion Loss	≤ 1 dB
Return loss	≥ 15 dB over the frequency range from DC to 8MHz
Common Mode Rejection	Greater than 40dB
Impedance	RCA Red /White: 600ohms
Isolator	500 V
Nominal Level	1.0volts
Connectors	2 x RCA Female (right=red / left=white) / 1 x RJ45 Jack
Cable-UTP	24 gauge or lower solid copper twisted pair wires impedance 100ohm at 1MHz Max. Capacitance : 20 pf/ft Attenuation: 6.6dB/1000ft at 1MHz
Transmission Distance	Cat 5- 2500ft (760M)
Pin Configuration	Left : 3 & 6, pairs 3 Right : 1 & 2, pairs 2
Environment required	Operating temp. 0 to 55°C Storage temp. -22 to 85°C Humidity up to 95%
Dimension	49.2x43.0x21.5mm