



The Intelix AVO-A2 balun transmits two mono or a single stereo analog audio signal via standard structured cabling, such as Cat 5. Used in pairs, the AVO-A2 transmits analog audio in either direction up to 2,500 feet and is ideal for corporate A/V, churches, schools, auditoriums, and almost any other situation involving audio distribution.

The Intelix AvoCat Series of baluns is the ideal solution for sending audio and video over structured cabling. When signal quality matters, choose Intelix.

Technical Specifications

Maximum Distance* 2500 feet

Bandwidth 20 Hz to 20 kHz Impedance 600 ohms, unbalanced

Isolation500 VNominal Level1.0 voltsInsertion Loss1 dB

Common Mode Rejection Greater than 40 dB

Unshielded Twisted Pair Cabling Specifications (24 gauge or lower solid copper)

Connectors Two (2) female RCA to one (1) RJ45

RJ45 Pinout Channel 1 (R): 1 & 2, pair 2 Channel 2 (L): 3 & 6, pair 3

Temperature Operating: 32 to 131 F (0 to 55 C)

Storage: -4 to 185 F (-20 to 85 C)

Maximum capacitance: 20 pf/foot

Impedance: 100 ohms @ 1 MHz

Attenuation: 6.6 dB/1000 ft. @ 1 MHz

Cat 5, Cat 5e, Cat 6, Cat 7 compatible

Humidity: up to 95%

EnclosureBlack plasticDimensions4.3" x 2.5" x 1"Weight0.2 lbs (3.2 oz)

Ordering Information *AVO-A2*: single AVO-A2 in bulk

packaging

AVO-A2-PAC: two AVO-A2 baluns in

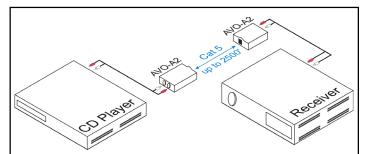
retail-ready packaging

Warranty Two years

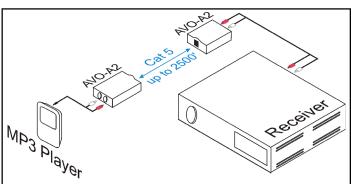
*Distances and picture quality may be affected by cable grade, cable quality, source and destination equipment, RF and electrical interference, and cable patches. Intelix specifications are based on straight-through cabling with standard-grade Cat 5.



AVoverCAT5.COM



Example System 1: Two AVO-A2 baluns connect a remote CD player to a receiver. The distance between these devices may be up to 2500 feet. Two patch cords with RCA connectors are required to connect the baluns to the source and destination devices.



Example System 2: Two AVO-A2 baluns connect an MP3 player to a remote audio receiver. The distance between these devices may be up to 2500 feet. A 3.5mm stereo to dual male RCA Y-cable connects the MP3 player to the send AVO-A2 balun, and a stereo male RCA cable connects the receive AVO-A2 balun to the audio receiver.



www.intelix.com

2222 Pleasant View Road Suite #1 Middleton, WI 53562 Phone: 608-831-0880 Toll-Free: 1-866-4-MATMIX Fax: 608-831-1833