



The Intelix AVO-A2-WP110 wallplate balun transmits two mono or one stereo analog audio signal over standard unshielded twisted pair cabling, such as Cat 5 or Cat 6. Used in pairs or with a compatible Intelix balun, the AVO-A2-WP110 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 AVO-A2-WP110 features two female RCA connectors on the front and a 110 punch-down termination on the rear. The unit includes a 110 termination tool.

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*	2,500 feet	Temperature	Operating: 32 to 131 F (0 to 55 C) Storage: -4 to 185 F (-20 to 85 C) Humidity: up to 95%
Bandwidth	20 Hz to 20 kHz	Enclosure	Front: standard decora wallplate Rear: metal
Impedance	600 ohms, unbalanced	Dimensions	Front: 4.00" x 1.50" x 0.25" Rear: 2.00" x 1.50" x 1.25"
Isolation	500 V	Faceplate Color	White
Nominal Level	1.0 volts	Shipping Weight	1.0 lbs
Insertion Loss	1 dB	Ordering Information	AVO-A2-WP110 - bulk packaged, one unit AVO-A2-WP110-PAC - retail packaged, one unit
Common Mode Rejection	Greater than 40 dB	Included Accessories	110 termination tool
Unshielded Twisted Pair Cabling Specifications (24 gauge or lower solid)	Maximum capacitance: 20 pf/foot Impedance: 100 ohms @ 1 MHz Attenuation: 6.6 dB/1000 ft. @ 1 MHz	Warranty	Two years
Recommended Cable	Cat 5, Cat 5e, Cat 6		
Connectors	Two (2) female RCA to one (1) 110 punch		
Compatible Intelix Products	AVO-A2-WP-F AVO-A2-F		

*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.

Example System: An AVO-A2-WP110 balun and AVO-A2-F balun connect a remote CD player to a receiver. The distance between these devices may be up to 2,500 feet. Two patch cords with RCA connectors are required to connect the baluns to the source and destination devices.

