

The Intelix AVO-A4-WP wall-plate balun transmits four mono or two stereo analog audio signals via standard structured cabling, such as Cat 5. Used in pairs or with the Intelix AVO-A4 rack-mountable balun, the AVO-A4-WP 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.

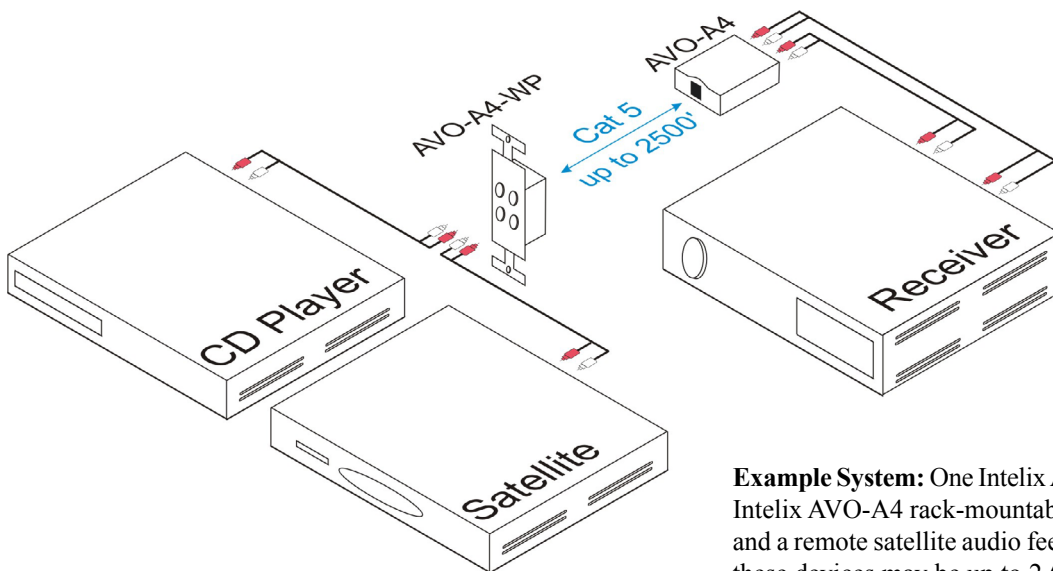
The Intelix **AvoCat** Series of baluns is the ideal solution for sending audio and video over structured cabling. **When signal quality matters, choose Intelix.**



**Technical Specifications**

<b>Maximum Distance*</b>	2,500 feet	<b>Connectors</b>	Four (4) female RCA to one (1) RJ45
<b>Bandwidth</b>	20 Hz to 20 kHz	<b>RJ45 Pinout</b>	Channel 1 (R): 1 & 2, pair 2 Channel 1 (L): 4 & 5, pair 1 Channel 2 (R): 7 & 8, pair 4 Channel 2 (L): 3 & 6, pair 3
<b>Impedance</b>	600 ohms, unbalanced	<b>Temperature</b>	Operating: 32 to 131 F (0 to 55 C) Storage: -4 to 185 F (-20 to 85 C) Humidity: up to 95%
<b>Isolation</b>	500 V	<b>Dimensions</b>	4.0" x 1.4" x 1.7"
<b>Nominal Level</b>	1.0 volts	<b>Weight</b>	0.2 lbs (3.2 oz)
<b>Insertion Loss</b>	1 dB	<b>Ordering Information</b>	AVO-A4-WP: single AVO-A4-WP in bulk packaging
<b>Common Mode Rejection</b>	Greater than 40 dB	<b>Warranty</b>	Two years
<b>Unshielded Twisted Pair Cabling Specifications (24 gauge or lower solid copper)</b>	Maximum capacitance: 20 pf/foot Impedance: 100 ohms @ 1 MHz Attenuation: 6.6 dB/1000 ft. @ 1 MHz <i>Cat 5, Cat 5e, Cat 6, Cat 7 compatible</i>		
<b>Enclosure</b>	Front: standard decora wall plate Rear: metal casing		

\*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.



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**AvoCat Series**

**Example System:** One Intelix AVO-A4-WP wall-plate balun and one Intelix AVO-A4 rack-mountable balun connect a remote CD player and a remote satellite audio feed to a receiver. The distance between these devices may be up to 2,500 feet. Four patch cords with RCA connectors are required to connect the baluns to the source and destination devices.