



The Intelix AVO-V1A2-WP110 wallplate balun transmits one composite video and 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-V1A2-WP110 transmits signals up to 2,200 feet and is ideal for corporate A/V, churches, schools, auditoriums, and almost any other situation involving audio/video distribution.

The AVO-V1A2-WP110 features three 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

<b>Maximum Distance*</b>	2,200 feet	<b>Compatible Intelix Products</b>	AVO-V1A2-WP-F AVO-V1A2-F
<b>Bandwidth</b>	Audio: 20 Hz to 20 kHz Video: DC to 8 MHz	<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>Maximum Input</b>	1.1 Vp-p	<b>Enclosure</b>	Front: standard decora wallplate Rear: metal
<b>Impedance</b>	Audio: 600 ohms, unbalanced Video: 75 ohms	<b>Dimensions</b>	Front: 4.00" x 1.50" x 0.25" Rear: 2.00" x 1.50" x 1.25"
<b>Return Loss</b>	Better than 15 dB over the frequency range	<b>Faceplate Color</b>	White
<b>Insertion Loss</b>	Less than 2 dB over the frequency range	<b>Shipping Weight</b>	1.0 lbs
<b>Common Mode Rejection</b>	Greater than 40 dB over the frequency range	<b>Ordering Information</b>	<i>AVO-V1A2-WP110</i> - bulk packaged, one unit <i>AVO-V1A2-WP110-PAC</i> - retail packaged, one unit
<b>Unshielded Twisted Pair Cabling Specifications</b>	Maximum capacitance: 20 pf/foot Impedance: 100 ohms @ 1 MHz Attenuation: 6.6 dB/1000 ft. @ 1 MHz	<b>Included Accessories</b>	110 termination tool
<b>Recommended Cable</b>	Cat 5, Cat 5e, Cat 6	<b>Warranty</b>	Two years
<b>Connectors</b>	Three (3) female RCA to one (1) 110 punch		

\*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:** One Intelix AVO-V1A2-WP110 wallplate balun and one AVO-V1A2-F rack-mountable balun connect a DVD player to a remote plasma and an audio receiver. Audio and video from the DVD player is balanced by the source balun, transmitted over the Cat 5 cabling, and then unbalanced by the receive balun. The audio from the DVD player is sent to the audio receiver and the video is sent to the plasma.

