



The Intelix AVO-V1A2-WP110-UK 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-UK 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-UK 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

Maximum Distance*	2,200 feet	Compatible Intelix Products	AVO-V1A2-WP-F AVO-V1A2-F
Bandwidth	Audio: 20 Hz to 20 kHz Video: DC to 8 MHz	Temperature	Operating: 32 to 131 F (0 to 55 C) Storage: -4 to 185 F (-20 to 85 C) Humidity: up to 95%
Maximum Input	1.1 Vp-p	Enclosure	Front: standard decora wallplate Rear: metal
Impedance	Audio: 600 ohms, unbalanced Video: 75 ohms	Dimensions	Front: 8.59 cm x 8.59 cm x 0.64 cm (3.38" x 3.38" x 0.25") Rear: 3.81 cm x 5.08 cm x 3.18 cm (1.50" x 2.00" x 1.25")
Return Loss	Better than 15 dB over the frequency range	Faceplate Color	White
Insertion Loss	Less than 2 dB over the frequency range	Shipping Weight	1.0 lbs
Common Mode Rejection	Greater than 40 dB over the frequency range	Ordering Information	AVO-V1A2-WP110-UK - bulk packaged, one unit
Unshielded Twisted Pair Cabling Specifications	Maximum capacitance: 20 pf/foot Impedance: 100 ohms @ 1 MHz Attenuation: 6.6 dB/1000 ft. @ 1 MHz	Included Accessories	110 termination tool
Recommended Cable	Cat 5, Cat 5e, Cat 6	Warranty	Two years
Connectors	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-UK 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.

