



The Intelix AVO-V1A2 transmits a composite video signal and two analog audio signals up to 2,200 feet over structured cabling, such as Cat 5. Used in pairs, AVO-V1A2 baluns replace bulky coaxial cable and utilize a building's existing Cat 5/LAN cabling.

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*	2200 feet	Connectors	One (1) female BNC and (2) female RCA to one (1) RJ45
Maximum Video Input	1.1 Vp-p	RJ45 Pinout	Video: 7 & 8, pair 4 Channel 1 (R): 1 & 2, pair 2 Channel 2 (L): 3 & 6, pair 3
Bandwidth (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%
Bandwidth (audio)	20 Hz to 20 kHz	Enclosure	Black plastic
Impedance (video)	75 ohms	Dimensions	4.3" x 2.5" x 1"
Impedance (audio)	600 ohms minimum	Weight	0.2 lbs (3.2 oz)
Insertion Loss	Less than 2 dB over the frequency range	Ordering Information	<i>AVO-V1A2</i> : single AVO-V1A2 in bulk packaging <i>AVO-V1A2-PAC</i> : two AVO-V1A2 baluns in retail-ready packaging
Return Loss	Greater than 15 dB over the frequency range	Warranty	Two years
Common Mode Rejection	Greater than 40 dB over the frequency range		
Unshielded Twisted Pair Cabling Specifications (24 gauge or lower solid copper)	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>		

*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: Two AVO-V1A2 baluns 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.

AvoCat
Series

AVOVERCAT5.COM

