

Common Mode Rejection

The Intelix AVO-V3AD component video and digital audio balun transmits one high-definition (HDTV) component video (YPbPr or RGB) signal and one digital audio signal up to 1000 feet over inexpensive Cat 5 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

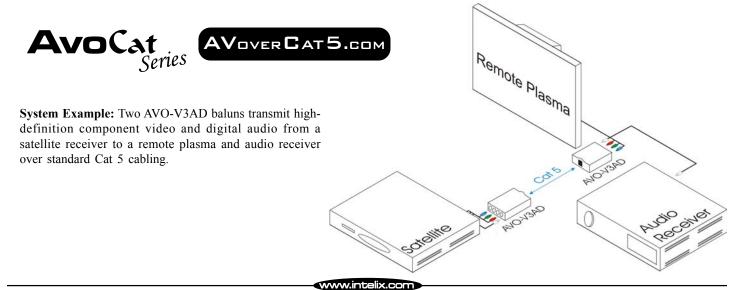
Maximum Distance*	Digital audio only: 600 feet	Unshielded Twisted Pair	Maximum capacitance: 20 pf/foot
	480i/p video only: 1,000 feet	Cabling Specifications	Impedance: 100 ohms @ 1 MHz
	480i/p video with digital audio: 600 feet	(24 gauge or lower solid	Attenuation: 6.6 dB/1000 ft. @ 1 MHz
	720p video only: 500 feet	copper)	Cat 5, Cat 5e, Cat 6, Cat 7 compatible
	720p video with digital audio: 500 feet 1080i/p video only: 500 feet	Connectors	Four gold-plated female RCA
	1080i/p video with digital audio: 500 feet	RJ45 Pinout	Red (Pr): 7 & 8, pair 4
Maximum Input	1.1 Vp-p		Green (Y): 3 & 6, pair 3 Blue (Pb): 1 & 2, pair 2
Bandwidth (video)	60 MHz, 3 dB roll off		Digital Audio: 4 & 5, pair 1
Bandwidth (audio)	25 MHz, 1 dB roll off	Temperature	Operating: 32 to 131 F (0 to 55 C)
Impedance	75 ohms at 1 MHz		Storage: -4 to 185 F (-20 to 85 C) Humidity: up to 95%
Insertion Loss (video)	.1 dB for 0.1 MHz. Gradually increasing to 2.5 dB over the frequency range	Enclosure	Black plastic
Insertion Loss (audio)	Less than 1 dB over the frequency range	Dimensions	4.3" x 2.5" x 1"
Return Loss (video)	Greater than 15 dB over the frequency range	Weight	0.2 lbs (3.2 oz)
		Ordering Information	AVO-V3AD: single AVO-V3AD in
Return Loss (audio)	Greater than 15 dB over the frequency range		bulk packaging AVO-V3AD-PAC: two AVO-V3AD

^{*}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.

Warranty

-55 dB at 0.1 MHz. Gradually increasing

to -20 dB at 60 MHz





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baluns in retail-ready packaging

Two years