



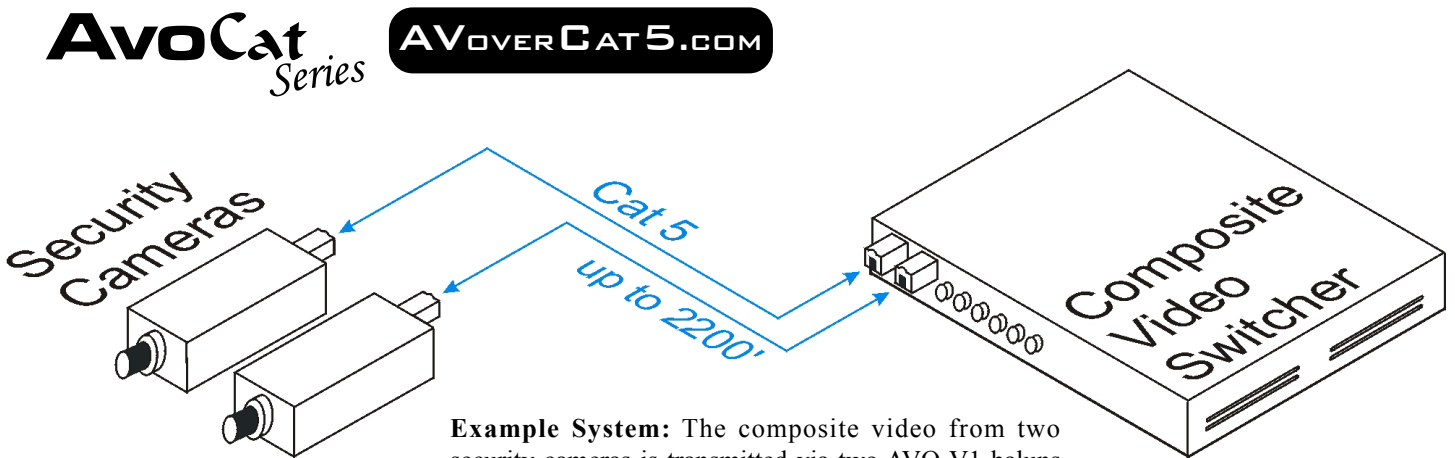
The Intelix AVO-V1 transmits one composite video signal over structured cabling, such as Cat 5. Used in pairs, AVO-V1 baluns replace bulky coaxial video cable and utilize a building's existing Cat 5/LAN cabling. AVO-V1 baluns are typically used in security and monitoring applications with such equipment as CCTV cameras, monitors, DVRs, video sequencers, video multiplexers, quads, switchers, servers, and VCRs.

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

Technical Specifications

Maximum Distance*	2200 feet	Connectors	One (1) male BNC to one (1) RJ45
Maximum Input	1.1 Vp-p	RJ45 Pinout	Red: 7 & 8, pair 4
Bandwidth	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%
Impedance	75 ohms	Enclosure	Black plastic
Insertion Loss	Less than 2 dB over the frequency range	Dimensions	1.6" x 2.8" x 1.0"
Return Loss	Greater than 15 dB over the frequency range	Ordering Information	<i>AVO-V1</i> : single AVO-V1 in bulk packaging <i>AVO-V1-PAC</i> : two AVO-V1 baluns in retail-ready packaging
Common Mode Rejection	Greater than 40 dB over the frequency range	Warranty	Two years
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: The composite video from two security cameras is transmitted via two AVO-V1 baluns and Cat 5 cabling to a remote video switcher. The AVO-V1 baluns are connected directly to the send and receive device's BNC connectors.