



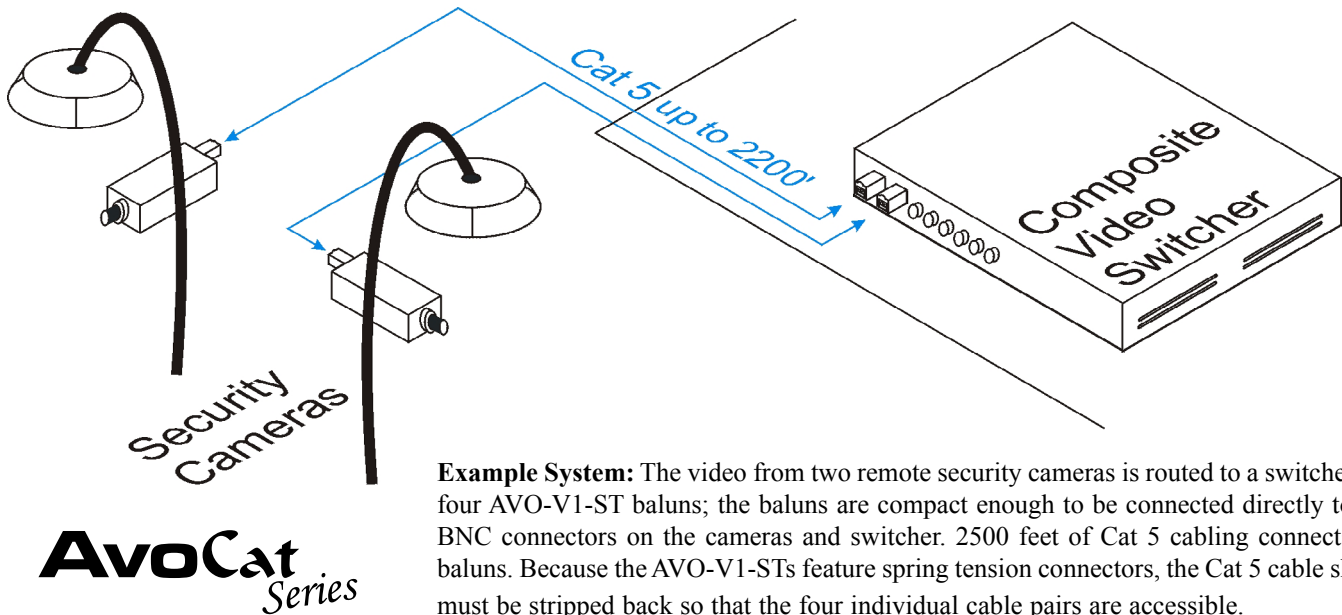
The Intelix AVO-V1-ST transmits one composite video signal over structured cabling, such as Cat 5. Used in pairs, AVO-V1-ST baluns replace bulky coaxial video cable and utilize a building's existing Cat 5/LAN cabling. AVO-V1-ST baluns are typically used in security and monitoring applications with such 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	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>
Maximum Input	1.1 Vp-p	Temperature	Operating: 32 to 131 F (0 to 55 C) Storage: -4 to 185 F (-20 to 85 C) Humidity: up to 95%
Bandwidth	DC to 8 MHz	Dimensions	1.6" x 2.8" x 1.0"
Impedance	75 ohms	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
Insertion Loss	Less than 2 dB over the frequency range	Warranty	Two years
Return Loss	Greater than 15 dB over the frequency range		
Common Mode Rejection	Greater than 40 dB over the frequency range		
Connectors	Two (2) spring tension blocks to one (1) RJ45		
Enclosure	Black plastic		

*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 video from two remote security cameras is routed to a switcher via four AVO-V1-ST baluns; the baluns are compact enough to be connected directly to the BNC connectors on the cameras and switcher. 2500 feet of Cat 5 cabling connects the baluns. Because the AVO-V1-STs feature spring tension connectors, the Cat 5 cable shield must be stripped back so that the four individual cable pairs are accessible.