



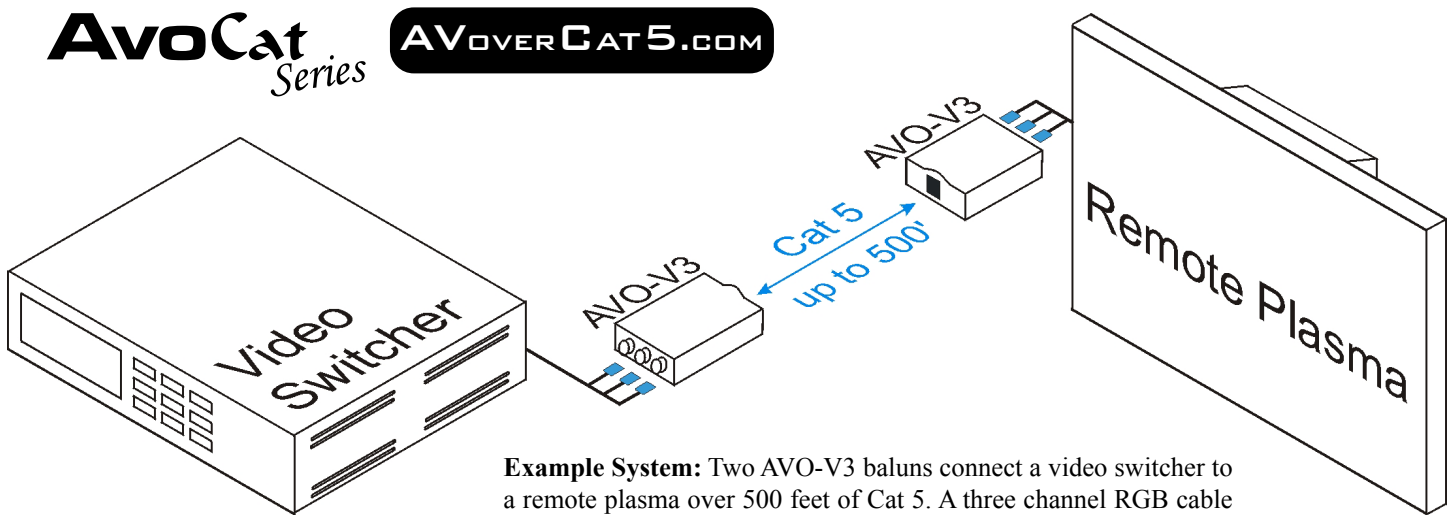
The Intelix AVO-V3 transmits one RGB signal or three composite video signals over structured cabling, such as Cat 5. Used in pairs, AVO-V3 baluns replace bulky RGB video cable and utilize a building's existing Cat 5/LAN cabling.

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*	<i>RGB video: 500 feet Composite video: 2200 feet</i>	Connectors	Three (3) female BNC to one (1) RJ45
Maximum Input	1.1 Vp-p	RJ45 Pinout	Red: 7 & 8, pair 4 Green: 3 & 6, pair 3 Blue: 1 & 2, pair 2
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	4.3" x 2.5" x 1"
Return Loss	Greater than 15 dB over the frequency range	Weight	0.2 lbs (3.2 oz)
Common Mode Rejection	Greater than 40 dB over the frequency range	Ordering Information	<i>AVO-V3</i> : single AVO-V3 in bulk packaging <i>AVO-V3-PAC</i> : two AVO-V3 baluns in retail-ready packaging
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>	Warranty	Two years

*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-V3 baluns connect a video switcher to a remote plasma over 500 feet of Cat 5. A three channel RGB cable with BNC connectors connect the baluns to the switcher and plasma.