



The Intelix S-V1ST transmits composite video over a single twisted pair cable, such as Cat 5 or Cat 6. The S-V1ST features a male BNC connector for direct connection to source and destination devices, as well as screw terminal connectors for quick twisted pair connection. Used in pairs, S-V1ST baluns replace bulky coaxial video cable and utilize a building's existing structured cabling network.

The S-V1ST conforms to IEC 61000-4-2:1995 protection standards and features exceptional interference rejection. S-V1ST baluns are ideal for security and monitoring applications with such equipment as CCTV cameras, monitors, DVRs, video sequencers, video multiplexers, quads, switchers, and servers.

When signal quality matters, choose Intelix.

Technical Specifications

Maximum Distance*	active system: 1,850 feet passive system: 1,000 feet	Clamping Voltage	8V
Maximum Input	1.1 Vp-p	Interference Rejection	Yes
Video Signal	1 Vp-p, 75 Ohms	Resistance	75 ohm
Bandwidth	DC to 5 MHz	Connectors	<i>Video:</i> one (1) male BNC <i>Twisted Pair:</i> two (2) screw terminals
Interference Rejection	Greater than 60 dB	Temperature	Operating: 32 to 131 F (0 to 55 C) Storage: -4 to 185 F (-20 to 85 C) Humidity: up to 95%
Attenuation	1.5 dB max	Compatible Intelix Products	S-BB4 S-V16P S-V16AR
Impedance	75 ohms	Enclosure	ABS plastic
Insertion Loss	Less than 2 dB over the frequency range	Dimensions	1.5" x 0.9" x 0.9"
Return Loss	Greater than 15 dB over the frequency range	Compliance	FCC, CE, RoHS
Common Mode Rejection	Greater than 40 dB over the frequency range	Ordering Information	<i>S-V1ST:</i> one balun in bulk packaging <i>S-V1ST-PAC:</i> two baluns in retail-ready packaging
Protection	2KV, 10/700 μ s (IEC6100-4-5 (GB/T1726,5-1999))		
Compatible Cable	Cat 5, Cat 5e, Cat 6, Cat 7		

*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.

