The Intelix AVO-V3PT-F high-definition component video and pass-through balun transmits a component video (YPbPr) and control signal over inexpensive structured pair cabling, such as Cat 5 or Cat 6.

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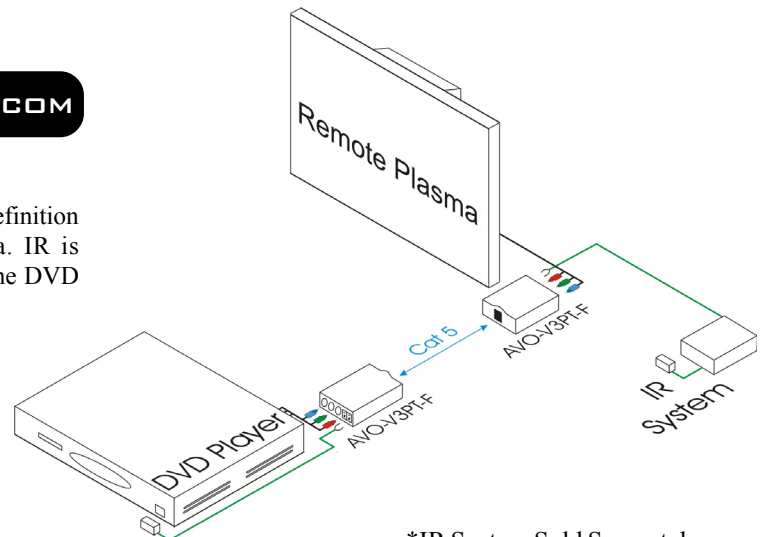
Technical Specifications

Maximum Distance*	480i/p video: 1,000 feet 720p video: 500 feet 1080i/p video: 500 feet	**Connectors**	Three (3) gold-plated female RCA and one (1) spring tension to one (1) RJ45
Maximum Input	1.1 Vp-p	**RJ45 Pinout**	Red (Pr): 7 & 8, pair 4 Green (Y): 3 & 6, pair 3 Blue (Pb): 1 & 2, pair 2 Pass-through: 4 & 5, pair 1
Bandwidth	60 MHz, 3 dB roll off		
Impedance	75 ohms at 1 MHz		
Insertion Loss	0.1 dB for 0.1 MHz. *Gradually increasing to 2.5 dB over the frequency range*	**Temperature**	Operating: 32 to 131 F (0 to 55 C) Storage: -4 to 185 F (-20 to 85 C) Humidity: up to 95%
Return Loss	Greater than 15 dB over the frequency range	**Enclosure**	Black plastic
Common Mode Rejection	-55 dB at 0.1 MHz. *Gradually increasing to -20 dB at 60 MHz*	**Dimensions**	4.3" x 2.5" x 1"
		Weight	0.2 lbs (3.2 oz)
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 *Cat 5, Cat 5e, Cat 6, Cat 7 compatible*	**Ordering Information**	*AVO-V3PT-F*: single AVO-V3PT-F in bulk packaging *AVO-V3PT-PAC-F*: two AVO-V3PT-F baluns in retail-ready packaging
Pass-through Support	Two conductor passive pass-through; supports IR, DC control, logic control, and most other control signals requiring two conductors.	**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.

System Example: Two AVO-V3PT-F baluns transmit high-definition component video from a DVD player to a remote plasma. IR is transmitted from an IR system located at the plasma back to the DVD player. Both signals are routed over a single Cat 5.

*IR System Sold Separately