

The Intelix AVO-MIC microphone balun set transmits a preamplified microphone signal and phantom power up to 2,500 feet over standard structured cabling, such as Cat 5. The AVO-MIC balun set includes a rack-mountable send balun, rack-mountable receive balun, and a power supply; the set may be powered on either the send or receive end. The AVO-MIC balun set is ideal for corporate A/V, churches, schools, auditoriums, and almost any other situation involving microphone level audio signal distribution.

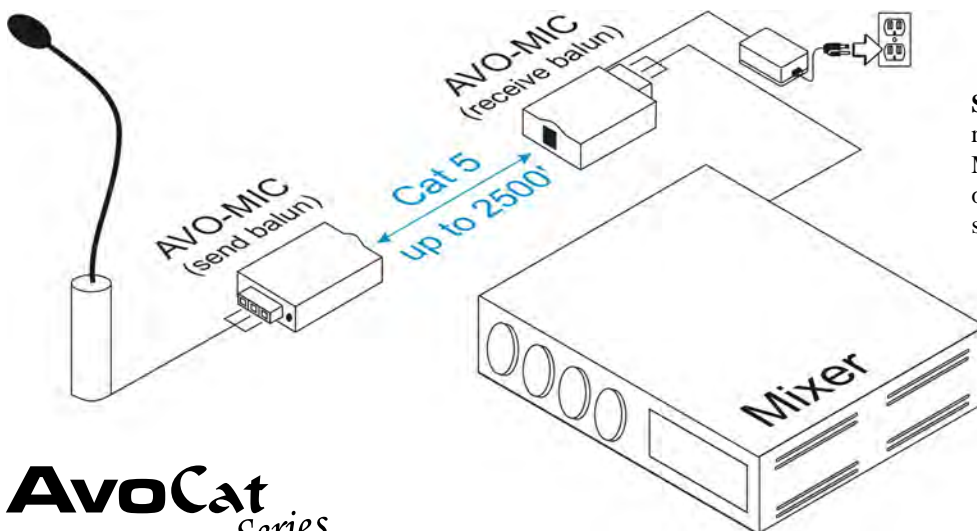


The Intelix **AvoCat** Series of baluns is the ideal solution for sending audio and video over structured cabling. **When signal quality matters, choose Intelix.**

Technical Specifications

Maximum Distance*	2,500 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>
Bandwidth	20 Hz to 20 kHz	RJ45 Pinout	Channel 1 (R): 1 & 2, pair 2 Power: 4 & 5, pair 1
Impedance	600 ohms, unbalanced	Temperature	Operating: 32 to 131 F (0 to 55 C) Storage: -4 to 185 F (-20 to 85 C) Humidity: up to 95%
Isolation	500 V	Enclosure	Black plastic
Nominal Level	1.0 volts	Balun Dimensions	4.3" x 2.5" x 1.0"
Insertion Loss	1 dB	Shipping Weight	2.0 lbs
Common Mode Rejection	Greater than 40 dB	Ordering Information	<i>AVO-MIC</i> : includes send balun, receive balun, and power supply
Power	24 VAC; system may be powered at either the send or receive end	Warranty	Two years
Power Connector	DIN connector		
Audio Connectors	One (1) 3-pin screw terminal to one (1) RJ45		
Phantom Power	24V		
System Gain	0 to 60 dB		

*Distances and audio 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 Drawing: A podium microphone is routed to a remote receiver via an Intelix AVO-MIC balun set. The baluns transmit the signal over 2,500 feet of standard Cat 5 cabling. The system is powered on the receive end.

AvoCat Series

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