



Ideal for classroom, lecture hall, retail kiosk, hotel, convention, and tradeshow applications, the Intelix AVDA-8-F distribution amplifier balun distributes a single audio and video source to eight destinations (linkable up to 64 total destinations). The Intelix AVDA-8-F is compatible with Intelix composite video, s-video, and stereo audio baluns.

Technical Specifications

Source Impedance Requirements	<i>Video out:</i> 75 Ohms <i>Audio out:</i> 600 Ohms max.	Common Mode Rejection (in & out balanced)	<i>Video:</i> Greater than 40 dB over the frequency range <i>Audio:</i> Greater than 60 dB over the frequency range
Destination Impedance Requirements	<i>Video in:</i> 75 Ohms <i>Audio in:</i> 600 Ohms min.	Max. Distance (via Cat 5 Twisted Pair)	<i>Composite Video Color:</i> 2200 ft. <i>Composite Video B&W:</i> 2500 ft. <i>S-Video:</i> 1000 ft.
Distribution Amp Impedance	<i>Video in:</i> 100 Ohms balanced <i>Audio in:</i> 10 kOhms min. bal. <i>Video out:</i> 100 Ohms balanced <i>Audio out:</i> 600 Ohms balanced	Cable Info	24 gauge or lower solid copper twisted pair wire impedance: 100 Ohms at 1 MHz. Cat 3 or better
3 dB Bandwidth	<i>Video:</i> DC to 8 MHz <i>Audio:</i> 50 Hz to 16 kHz	Connectors	<i>Source Input:</i> One (1) RJ45 on rear panel <i>Looping Output:</i> One (1) RJ45 on rear panel <i>Distribution Outputs:</i> Eight (8) RJ45 on front panel
Max. Differential Input	<i>Video:</i> 0.55 Vp-p <i>Audio:</i> 0.50 Vp-p	RJ45 Pin Config. (reverse polarity sensitive)	<i>Video 1:</i> Ring 7 Tip 8 <i>Video 2:</i> Ring 4 Tip 5 <i>Audio 1:</i> Ring 1 Tip 2 <i>Audio 2:</i> Ring 3 Tip 6
Max. Differential Output	<i>Video:</i> 0.55 Vp-p <i>Audio:</i> 0.50 Vp-p	Diagnostic	Power LED - green
Insertion Loss (differential)	<i>Video:</i> 0 dB max. @ 4 MHz <i>Audio:</i> 1 dB max. @ 1 kHz	Dimensions	8.5" x 4" x 1.3"
Video Return Loss	24 dB minimum	Warranty	2 years
Crosstalk Immunity	60 db minimum over the frequency range		
Power Supply	<i>External AC:</i> 110V <i>DC:</i> +/- 12VDC, 5W total max.		
Power Supply Connector	5-pin DIN; pin 1 GND, pin 2 GND, pin 4 - 12V, pin 5 + 12V		

Complies with FCC, CE-EMC Directive 89/336/EEC

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