

## AVDA-8-F Technical Specification

Audio/Video Distribution Amp Balun

Rev. 130208

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	
<b>I/O Connections</b>	
Source Input	One (1) 8P8C port (Shielded RJ45)
Distribution Outputs	Eight (8) 8P8C ports (Shielded RJ45)
Looping Output	One (1) 8P8C port (Shielded RJ45)
Power	5-pin DIN
<b>Supported Audio and Video</b>	
Maximum Distance via Cat 5e	Composite Video Color: 2200 ft. Composite Video B&W: 2500 ft. S-Video: 1000 ft. Analog Audio: 2500 ft.
RJ45 Pin Configuration	Pins 1 and 2: Audio 1 Pins 3 and 6: Audio 2 Pins 4 and 5: Video 2 Pins 7 and 8: Video 1
Video Bandwidth	DC to 8 MHz
Source and Destination Impedance (Video)	75 ohms
Maximum Input Level (Video)	1.1 Vp-p
Insertion Loss (Video)	0 dB at 4 MHz
Return Loss (Video)	>24 dB
Common Mode Rejection (Video)	>40 dB
Crosstalk Immunity	60dB
Source and Destination Impedance (Audio)	600 ohms
Nominal Level (Audio)	1.0 volts
Insertion Loss (Audio)	1 dB at 1 kHz
Common Mode Rejection (Audio)	>60 dB
<b>Chassis and Environmental</b>	
Enclosure	Painted Steel
Dimensions	203 mm x 102 mm x 32 mm (8 in. x 4 in. x 1.25 in.)
Shipping Weight	1.43 kg (3.15 lbs)
Operating Temperature (Environment)	0° to +40° C (+32° to +104° F)
Operating Humidity (Environment)	20% to 90%, Non-condensing
Storage Temperature (Environment)	-10° to +60° C (+14° to +140° F)
<b>Power and Regulatory</b>	
Power Supply	+/- 12vDC
Power Supply Connector Pinout	Pin 1: GND Pin 2: GND Pin 4: -12vDC Pin 5: +12vDC
Power Consumption	5 watts
Regulatory	RoHS
<b>Other</b>	
Diagnostic LED	Power LED
Standard Warranty	2 Years
Included Accessories	Power Supply with US power cable, Installation Guide
Compatible Products	AVO-A2-series, AVO-SVA2-series, AVO-V1-series, AVO-V1A2-series, AVO-V2A2-series

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 5e unless noted otherwise.