

AVO-A2-F Technical Specification

Two Channel Analog Audio Twisted Pair Extender

Rev. 130208

The Intelix AVO-A2-F balun transmits two mono or a single stereo analog audio signal via standard structured cabling, such as Cat 5e. Used in pairs, the AVO-A2-F transmits analog audio in either direction up to 2,500 feet.



Technical Specifications	
I/O Connections	
Audio	One (1) RCA per channel
Twisted Pair	One (1) 8P8C port (RJ45)
Supported Audio	
Maximum Distance via Cat 5e	2500 ft.
RJ45 Pin Configuration	Pins 1 and 2: Audio 1 Pins 3 and 6: Audio 2
Audio Frequency Response	20 Hz to 20 kHz
Impedance	600 ohms, unbalanced
Audio Transformer Isolation	500V
Nominal Level	1.0 volts
Insertion Loss	1 dB
Common Mode Rejection	Greater than 40 dB
Chassis and Environmental	
Enclosure	Black ABS plastic
Dimensions (without connectors)	99 mm x 64 mm x 23 mm (3.9 in. x 2.5 in. x 0.9 in.)
Dimensions (with connectors)	106 mm x 64 mm x 23 mm (4.2 in. x 2.5 in. x 0.9 in.)
Shipping Weight	0.19 kg (0.42 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)
Other	
Regulatory	RoHS
Standard Warranty	2 Years
Included Accessories	Installation Guide
Compatible Products	AVO-A2-WP-F, AVO-A2MINI-WP-F, AVO-A2-WP110, AVO-VGA2-WP
Mounting Solution	AVO-CLIP-F

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.