

AVO-V1-PAIR-F Technical Specification

One Channel Composite Video Twisted Pair Extender

Rev. 130208

The Intelix AVO-V1-PAIR-F balun set transmits a single composite video signal via standard structured cabling, such as Cat 5e, up to 2,200 feet. The AVO-V1-PAIR-F is sold as a pair and is compatible with the AVO-V1-WP-F.



Technical Specifications	
I/O Connections	
Video	One (1) Male BNC
Twisted Pair	One (1) 8P8C port (RJ45)
Supported Video	
Maximum Distance via Cat 5e	2200 ft.
RJ45 Pin Configuration	Pins 7 and 8: Video 1
Video Bandwidth	DC to 8 MHz
Impedance	75 ohms
Maximum Input Level	1.1 Vp-p
Insertion Loss	Less than 2 dB
Return Loss	Greater than 15 dB
Common Mode Rejection	Greater than 40 dB
Chassis and Environmental	
Enclosure	Black ABS plastic
Dimensions	41 mm x 71 mm x 24 mm (1.6 in. x 2.8 in. x 1 in.)
Shipping Weight	0.17 kg (0.38 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-V1-WP-F
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.