

## 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            |   |
|-------------------------------------|---|
| <b>I/O Connections</b>              |   |
| Video                               | One (1) Male BNC                                  |
| Twisted Pair                        | One (1) 8P8C port (RJ45)                          |
| <b>Supported Video</b>              |   |
| 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                                |
| <b>Chassis and Environmental</b>    |   |
| 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)                  |
| <b>Other</b>                        |   |
| 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.