

Architectural Specification for the Intelix AVO-V1 Composite Video Balun

The unit shall be a rack-mountable balun which transmits one composite video signal over unshielded twisted pair structured cabling, such as Cat 5. The maximum distance of the unit shall be 2,200 feet. The maximum input shall be 1.1 Vp-p. The bandwidth shall be DC to 8 MHz. The impedance shall be 75 ohms. The insertion loss shall be less than 2 dB over the frequency range. The return loss shall be greater than 15 dB over the frequency range. The common mode rejection shall be greater than 40 dB over the frequency range. The RJ45 pinout shall be pins 7 and 8 (pair 4) for the video channel. The unit shall be an Intelix AVO-V1 composite video balun.