

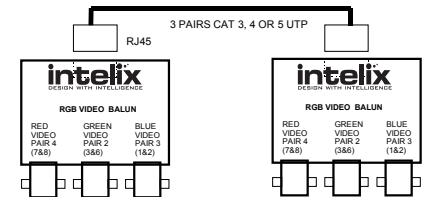
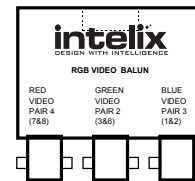
Technical Specifications

| | | |
|-----------------------------|---|--|
| Environment | Component analog RGB video with synchronization signals on one of the color signals (i.e., synch-on-green) | |
| Devices | RGB projectors, monitors, matrix switchers, matrix mixers, media walls, splitters, scan converters, video scalers, and other RGB equipment that supports sync-on-green via three (3) coaxial cables | |
| Bandwidth | Video: | DC to 8 MHz |
| Maximum Video Input | 1.1 Vp-p | |
| Insertion Loss | Less than 2 dB per pair over the frequency range from DC to 8 MHz | |
| Return Loss | Greater than 15 dB over the frequency range from DC to 8 MHz | |
| Com. Mode Rejection | Greater than 40 dB @ 8 MHz | |
| Impedance | RCA side (Video): | 75 ohms |
| Cable | UTP: | 24 gauge or lower solid copper twisted pair wire |
| | Impedance: | 100 ohms at 1MHz |
| | Maximum capacitance: | 20 pF/foot |
| | Attenuation: | 6.6 dB/1000 ft at 1 MHz |
| Distance | Color: | 330 feet (Cat 3 UTP) |
| | | 500 feet (Cat 5 UTP) |
| Connectors | Three (3) BNC connectors One (1) RJ45 jack | |
| Accessories | Three (3) 10" coaxial jumper cables (BNC male to BNC male) included | |
| Pin config. | Red: | Pins 7 & 8 |
| | Green: | Pins 3 & 6 |
| | Blue: | Pins 1 & 2 |
| | | |
| Temperature | Operating: 0 to 55 C Storage: -20 to 85 C Humidity: up to 95% | |
| Dimensions | 2.4" x 2.25" x 1.0" | |
| Warranty | 2 Years | |
| Ordering Information | V3 | |



The V3 Balun allows the transmission of composite baseband red/green/blue video via unshielded twisted pair (UTP) cable in a Structured Cabling System. It converts an RGB signal from Coax to three UTP pairs.

The V3 Balun is connected to the structured cabling via a modular wall jack in the work area. It is equipped with three BNC connectors (red, green, blue) at one end and an RJ45 jack at the other end. Three color coded (red, green, blue) 12" end-to-end coax cables are supplied with the product.



Applications

The RGB Video Balun is designed for use with RGB monitor equipment, such as in banks, investment houses, and stock exchange trading floors.



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