

Passive Video Balun Network Transceiver "Screw Terminal"



Item Code: BLN-UTPST
Weight: 0.10LB
Categories: Video Balun / UTP Transmission

Description:

The BLN-UTPST Video Transceiver is a passive (non-amplified) device that allows the transmission of real-time monochrome or color video over Unshielded Twisted-Pair (UTP) telephone wire. Baseband (composite) signals of any type are supported.

Video Balun enables the transmission of video using ordinary unshielded twisted pair (UTP) wire instead of coaxial cable. Cost effective and much easier for installation. UTP cable is less expensive than coax cable.

Transmits a monochrome video signal up to 2,000 feet (610 meters) or color up to 1,300 feet (400 meters). Passive design provides immunity from noise and interference and does not require power supplies. Compatible with all "up-the-coax" systems to provide video and control over a single twisted pair.

Purpose of the Video Balun is to allow traditional 75 ohm coax cable to be replaced by Category 5 (or better) twisted pair in the CCTV security and surveillance environment, thereby allowing CCTV camera and monitoring equipment to be deployed more cost-effectively using structured cabling techniques. These CCTV baluns also work over existing UTP cabling, making them perfect for use in nearly any building or across an entire campus.

Video Balun allow video signals to co-exist in the same wire bundle as telephone, datacom, or low-voltage power circuits. This allows the use of a shared or existing cable plant. With built-in transient protection, damaging voltage spike problems are eliminated.

Video Balun works with any analog based video equipment that supports NTSC, PAL or SECAM systems; CCTV cameras, Video Multiplexers, Video Switchers, Monitors, Scan Converters, Signal Boosters.

Features & Benefits:

- Top quality, transmits a monochrome video signal up to 2,000 ft or color up to 1,300 ft.
- Send Video over twisted pair or Cat5, Cat3 (UTP)
- Run 4 video signals simultaneously through one Cat 5 cable!
- Can be used as a Receiver and as a Transmitter
- Work with all Camera, Monitor, DVR, and Multiplexers
- Built-in impedance coupled device and noise filter. Immunity to noise and interference
- Passive devices - do not require power
- BNC Male to terminal block. Fast installation two screw terminal
- No need to waste time crimping RJ-45 connectors, more reliable connection
- Easier to install than coax Applications

- Intra - building CCTV installations (instead of coaxial cable)
- Structured Cabling (CAT5) environments
- To eliminate requirement for Plenum Coaxial
- Multi-Camera applications through conduit (more cameras through a smaller diameter)

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