

# ENFORCER<sup>®</sup>

## VIDEO

### Passive Video Balun

#### EVT-PB1

Range: **Color - 1,300' (400m)**  
**B/W - 2,000' (610m)**

*The fast, easy, and low-cost way to connect a CCTV camera to a monitor, multiplexer, or video recorder.*

A video balun allows the video signal of a single CCTV camera to be transmitted long distances over low-cost CAT 5 unshielded twisted pair (UTP) cable.

#### Features:

- Transmits a monochrome video signal up to 2,000 feet (610 meters) or color up to 1,300 feet (400 meters).
- Passive operation - No external power required.
- Uses low-cost CAT 5 cable instead of costly coaxial cables.
- Includes a BNC connector and a screwless terminal block - No need to waste time crimping RJ-45 connectors.
- High immunity from interference - Built-in impedance coupled device and noise filter.
- Quick-connect screwless terminal block for easy installation.
- Gold-plated BNC connector for added reliability and longer life.
- Small size allows the mounting of multiple baluns behind multiplexer without pigtailed.

#### Specifications:

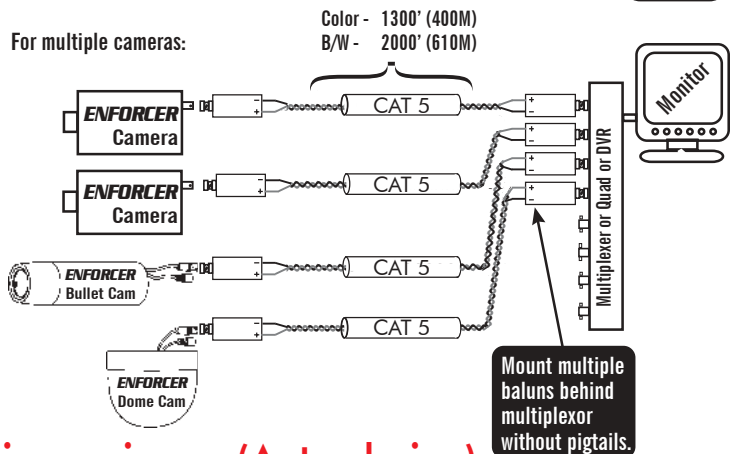
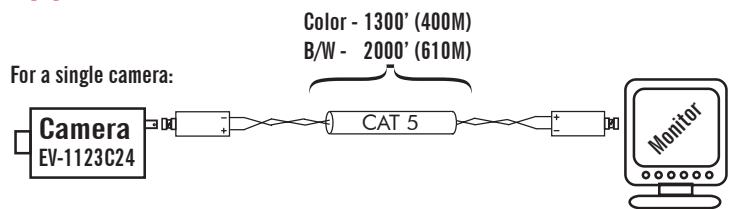
Video Format	RS170, NTSC, PAL, SECAM, CCIR
Maximum Input	1vpp
Insertion Loss	< 2dB per pair from DC ~ 5 Mhz
Return Loss	> -15dB from DC ~ 5 Mhz
Frequency Response	DC ~ 5 Mhz
Attenuation	DC ~ 5 Mhz, 1.5 dB max
Common Mode Rejection	60 dB, 15 KHz~5 MHz
Impedance	
Coax, Male BNC	75 Ohms @ 1 Mhz
Terminal Block	100 Ohms @ 1 Mhz
Power	No power required
Temperature Range	14°~165°F (-10°~74°C)
Humidity Range	0 ~ 95%
Wire Type	UTP (Unshielded Twisted Pair) 16 - 24 AWG
Wire Category	Category 2 or better
UTP Connection	Screwless Terminal Blocks
Case	ABS Plastic



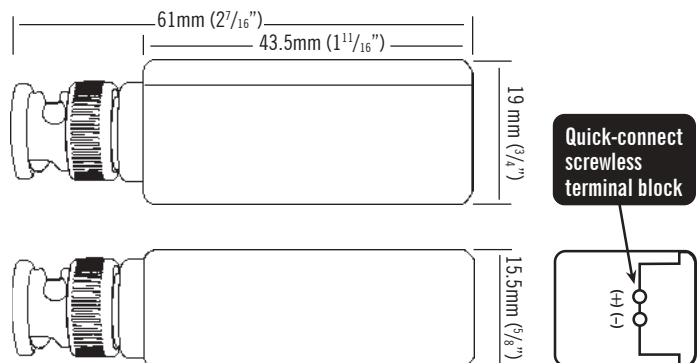
**Gold-plated BNC connector.**

- Power
- Crimping Tools
- RJ 45
- Compact Size
- Long Range

#### Typical Installations:



#### Dimensions: (Actual size)



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