

# PASSIVE VIDEO BALUN

## Model No. 96-031 EVT-PB1

Range: Colour - 400m B/W - 600m

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

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

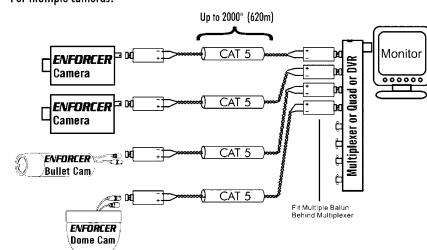
- Transmits a monochrome video signal up to 600m or colour up to 400m
- Passive operation - No external power required
- Uses low cost CAT 5 cable instead of costly coaxial cables
- Screwless terminal block - no need to waste time crimping RJ-45 connectors
- High immunity from interference - Built in impedance coupled device and noise filter
- Easy installation
- Gold plated BNC connector
- Mount multiple baluns behind multiplexer, DVR etc

### TECHNICAL SPECIFICATIONS

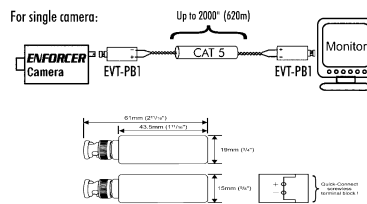
<b>Video Format</b>	PAL
<b>Maximum Input</b>	1 Vp-p
<b>Insertion Loss</b>	<2dB per pair from DC ~ 5 MHz
<b>Frequency Response</b>	DC ~ 5 MHz
<b>Attenuation</b>	DC ~ 5 MHz
<b>Common Mode Rejection</b>	60 dB, 15 KHz, ~ 5 MHz
<b>Impedance</b>	75 Ohms @ 1 MHz
<b>Coax, Male BNC Terminal Block</b>	100 Ohms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



For multiple cameras:



For single camera:



**RG59 SOLID COPPER COAXIAL CABLE**  
**Model No.**  
**80-035 100m**  
**80-036 250m**

RG59/U coaxial cable for security camera and TV use. Braided copper shield has 95% coverage and dielectric is solid PE. Solid copper conductor. Black jacket with count-down metre marking. Supplied on strong polypropylene reels.



**RG59 SOLID COPPER COMPOSITE COAXIAL CABLE**  
**Model No.**  
**80-037 100m,**  
**80-038 250m**

Composite cable containing an RG59/U coaxial cable plus a red and a black insulated 24/0.20 conductor. Suitable for CCTV/ security camera use where a power feed is required for the camera and/or pan/tilt mechanism. Solid copper core. Outer jacket is flexible black PVC. Supplied on strong polypropylene reels.