

Passive Video Baluns

EVT-PB1Q

EVT-PBP-V1TQ

EVT-PB1-V1TSQ

Quick-connect screwless terminal Block

6-Inch BNC pigtail connector

Surge protection

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

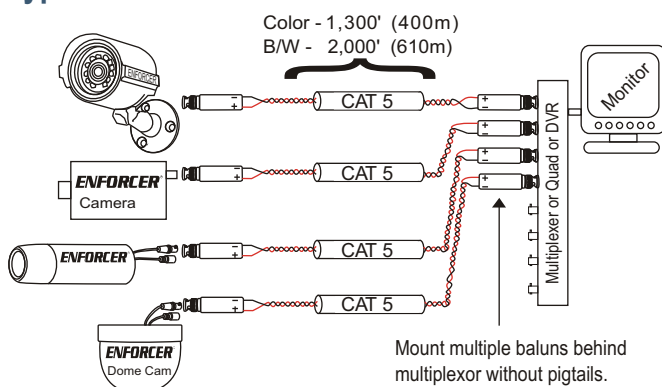
All SECO-LARM passive video baluns transmit the video signal of a single CCTV camera long distances over low-cost CAT 5 unshielded twisted pair (UTP) cable.

The EVT-PB1-V1TSQ features a built-in transient surge protection circuit to help protect sensitive video security equipment from power spikes.

The EVT-PBP-V1TQ features a 6-inch BNC pigtail connector for easy connections in tight spaces.

- ▶ Transmits a monochrome video signal up to 2,000 feet (610m) or color up to 1,300 feet (400m).
- ▶ Passive operation - No external power required.
- ▶ Uses low-cost CAT 5 cable instead of costly coaxial cables.
- ▶ High immunity from interference - Built-in impedance coupled device and noise filter.
- ▶ Gold-plated BNC connector for reliability and longer life.
- ▶ Small size for easy installation.

Typical Installation:



EVT-PB1Q



2-7/16" x 3/4" x 5/8"
(61 x 19 x 15.5 mm)

- ▶ Quick-connect screwless terminal block - No need to waste time crimping RJ-45 connectors.



EVT-PBP-V1TQ

2" x 19/32" x 19/32"
(50 x 15.4 x 15.4 mm)

- ▶ 6-Inch BNC pigtail connector.
- ▶ Screw terminals for reliable installation.

EVT-PB1-V1TSQ



2-1/4" x 19/32" x 19/32"
(57 x 15.4 x 15.4 mm)

- ▶ Screw terminals for reliable installation.
- ▶ Surge protection.



The SECO-LARM policy is one of continual development. For that reason, SECO-LARM reserves the right to change prices and specifications without notice. SECO-LARM is not responsible for misprints.

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Passive Video Baluns

Technical Specifications:

	EVT-PB1Q	EVT-PBP-V1TQ	EVT-PB1-V1TSQ
UTP Connection	Screwless Terminal Block	Terminal Block	Terminal Block
Size	2 ⁷ / ₁₆ " x 3 ³ / ₄ " x 5 ⁵ / ₈ " 61 x 19 x 15.5 mm	2" x 1 ⁹ / ₃₂ " x 1 ⁹ / ₃₂ " 50 x 15.4 x 15.4 mm	2 ¹ / ₄ " x 1 ⁹ / ₃₂ " x 1 ⁹ / ₃₂ " 57 x 15.4 x 15.4 mm
Weight	0.8 oz. (22.7g)	0.9 oz. (22.7g)	0.8 oz. (22.7g)
Transient Surge	No	No	Yes
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 Terminal Block	75 Ohms @ 1 MHz 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 - 24AWG		
Wire Category	CAT2 or better, CAT5 ideal, CAT6 improves range		
Case	ABS Plastic		

Surge Suppression (EVT-PB1-V1TSQ):

Built-in Transient Voltage Surge Suppressors						
Reverse Stand-Off Voltage Vrwm(V)	Breakdown Voltage Vbr (V) MIN.@1T	Breakdown Voltage Vbr (V)	Test Current 1t (mA)	Maximum Clamping Voltage @1pp Vc(V)	Peak Pulse Current 1pp (A)	Reverse Leakage @ VRWM 1r(uA)
8.55	9.5	10.5	1	14.5	42.1	10

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