

Video, Power, Data (VPD) Baluns

EVT-PB1-31RQ Video, Power, Data Balun

EVT-PB1-318Q Video, Power, Data Balun with RJ-45 Connector

EVT-PB1-31RGQ Video, Power, Data Balun with Ground Loop Isolator

The ENFORCER EVT-PB1-31 Series of Video, Power and Data (VPD) Balun transmits power and video and data signals over standard Cat5 cable. Video is transmitted over a single pair, 2-wire data control is transmitted over a second pair, and power is transmitted on 1 or 2 remaining pairs.

Features:

- ▶ Video up to 2,000' range (610m).
- ▶ Passive operation: No power required.
- ▶ Built-in impedance coupled device and noise filter.
- ▶ Gold-plated BNC connector.
- ▶ Small size for easy installation.
- ▶ Multi-colored LED power output indicator.
- ▶ Removable terminal blocks.
- ▶ Includes DC pigtail and data wires.

Specifications:

Video	Range	2,000' (610m) B/W, 1,300' Color (400m)	
	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	
	Common mode rejection	60dB, 15KHz~5MHz	
	Frequency response	DC ~ 5 Mhz	
Connections	Wire type	UTP (unshielded twisted pair)	
	Wire category	20 - 24 AWG @ screwless terminal blocks CAT2 or better, CAT5 ideal, CAT6 improves range	
	Connectors	In	Video: pigtail BNC, power & data: removable terminal block
		Out	Removable terminal block
	Max amperage	1A@30VDC (power input)	
	Attenuation	DC ~ 5 Mhz, 1.5 dB max	
Impedance	Coax, male BNC: 75 Ohms@ 1 MHz		
	Terminal block: 100 Ohms @ 1 MHz		
Other	Dimensions	3 ¹³ / ₁₆ " x 1 ¹³ / ₁₆ " x 7 ⁷ / ₈ " (72 x 46 x 23 mm)	
	Humidity range	0 ~ 95%	
	Temperature Range	14°~165°F (-10°~74°C)	
	Case	ABS Plastic	



EVT-PB1-31RQ
(shown)

LED Indicators:

LED colors	Status
Green	Input power is connected
Red	Output voltage is 5 or 12VDC
Blue	Output voltage is 24VDC

Also Available from SECO-LARM:

Video, Power, Data Baluns with Voltage Booster or Voltage Converter



EVT-PB1-L05Q
VPD Balun with
Voltage Converter

EVT-PB1-H05Q
VPD Balun with
Voltage Booster