

## Passive Video Balun with Ground Loop Isolator

### EB-P101-24GQ

#### Features:

- Transmits up to 1,300ft (400m) color video or up to 1,950ft (600m) B/W video
- Built-in ground loop isolator
- High immunity from interference
- Passive operation – No external power required
- Screwless terminals for quick installation
- 5" Pigtail for flexible installation
- Built-in surge protection

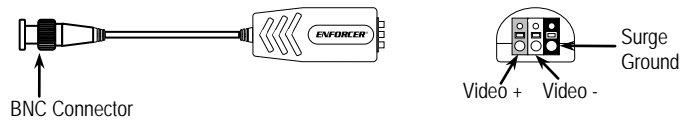
#### Specifications:

	Range*	B/W	1,950' (600m)
		Color	1,300' (400m)
Video	Video format	NTSC, PAL, SECAM	
	Maximum input	1.1Vp-p	
	Insertion loss	<2dB per pair from DC-6MHz	
	Return loss	>15dB from DC-6MHz	
	Frequency response	DC-6MHz	
	Common mode rejection	>40dB, 15kHz-6MHz	
	Connections	Wire type	UTP (Unshielded Twisted Pair) 24-16 AWG
Wire category		Cat2 min.	
UTP Connection		Silver plated	
Attenuation		DC-6MHz, 6.6dB max.	
Impedence		Coax, male BNC	75Ω@1MHz
	Screwless terminal	100Ω@1MHz	
Protection	Surge protection	Renewable solid state surge protection	
	Isolation voltage	800V (min.)	
	Insulation resistance	100MΩ	
	Reaction time	<1ns	
	Maximum clamping voltage	8V	
Other	DC Loop resistance	52Ω/1,000' (52Ω/305m)	
	Differential capacitance	19pF/ft max. (62pF/m max.)	
	Power	No power required	
	Operating temperature	32 ~131 F (0 ~55 C)	
	Storage temperature	-4 ~158 F (-20 ~70 C)	
	Humidity range	0-95 % (Non-condensing)	
	Case	ABS Plastic	
	Weight	2.1-oz (60g)	
	Cable length	5" (153mm)	
	Dimensions	2 <sup>3</sup> / <sub>8</sub> "x1 <sup>1</sup> / <sub>8</sub> "x1 <sup>3</sup> / <sub>16</sub> " (61x30x21 mm)	

\*Shorter range may occur when used with a DVR.



#### Overview:

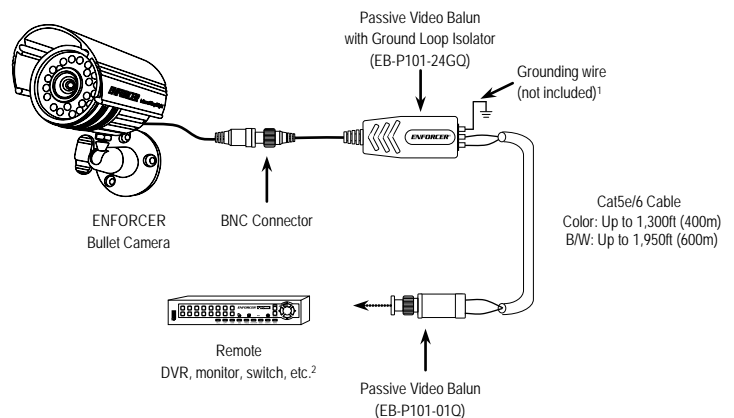


Screwless Terminals		
Gray	White	Black
Video +	Video -	Surge Ground

Note: Grounding wire is only needed for optional surge protection.

#### Sample Application:

Installing the EB-P101-24GQ on the camera side



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