

Porta Systems rugged Pigtail Video Balun allows a CCTV video signal to be transmitted via cost-effective unshielded twisted pair (UTP) cable. This balun fits neatly inside CCTV camera boxes and dome camera enclosures.



**FEATURES & BENEFITS**

- Fits inside CCTV dome cameras and back boxes
- Eliminates costly and bulky coaxial cable
- Signal loss and distortion negligible
- Allows neater and more streamlined cabling
- Available with optional surge protection
- Passes video signals through 1,000 ft (305 m) of cable
- Easy installation

**Applications**

- Fits inside CCTV dome cameras and back boxes
- Intra-building CCTV installations (instead of coaxial cable)
- Structured cabling

**Wire and Cable Recommendations**

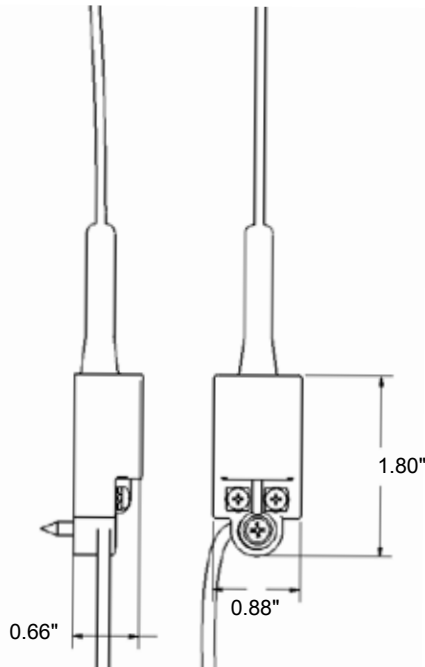
The unit has a BNC connector for the coax cable. There are screw terminals for the unshielded twisted pair (UTP) cable.

For more specific information regarding wire types and proper installation techniques, please call 800.93.PORTA for technical assistance.

**ORDERING INFORMATION**

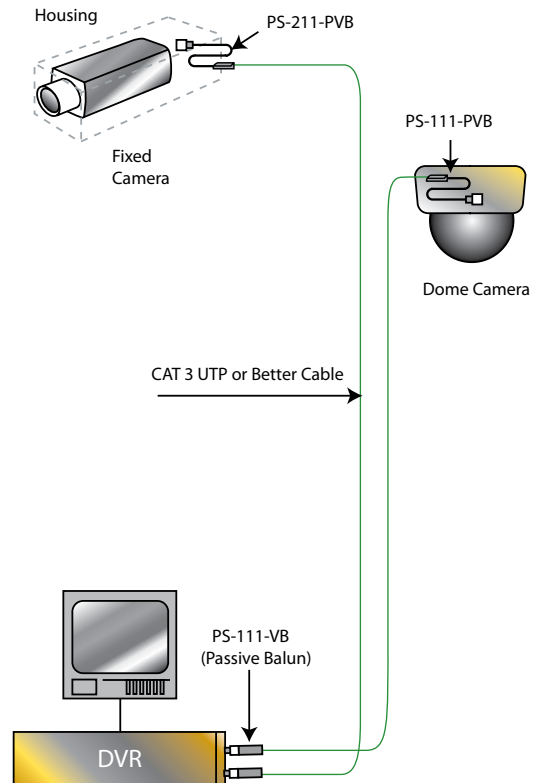
| Model No.  | Description                               |
|------------|---|
| PS-111-PVB | Pigtail Video Balun                       |
| PS-211-PVB | Pigtail Video Balun with Surge Protection |

### MECHANICAL SPECIFICATIONS:



| Weight (approx.) | Operating Temperature | Humidity |
|------------------|-----------------------|----------|
| 3.2 oz (91g)     | -15°C to 45°C         | 98% max  |

### APPLICATION DIAGRAM:



## Electrical Specifications

|                             |                                    |                          |            |
|-----------------------------|------------------------------------|--------------------------|------------|
| Frequency:                  | 20 Hz to 10 MHz                    | Insertion Loss:          | 0.3 dB     |
| Common Mode Rejection:      | >50 dB (Typical)                   |                          |            |
| Power:                      | Not required                       | UTP Category:            | 3 to 6     |
| Connection Method (In/Out): | Pigtail w/BNC (M) : Screw Terminal | Max Surge Current:       | 220A       |
| DC Breakdown Voltage:       | 6.8VDC                             | Nominal Working Voltage: | 5VDC       |
| Impedance:                  | Coax Cable - 75Ω                   | Impedance:               | UTP - 100Ω |
| Response Time:              | <5 ns                              | Max Distance (UTP):      | 1000 ft    |



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