

Porta Systems rugged Pigtail Video Baluns 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
- Negligible signal loss and distortion
- Allows neater and more streamlined cabling
- Available with optional surge protection
- Passes video signals through 1,000 ft (305m) 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 Configuration

Male BNC connector for coax cable, with screw terminals for unshielded twisted pair (UTP) cable.

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

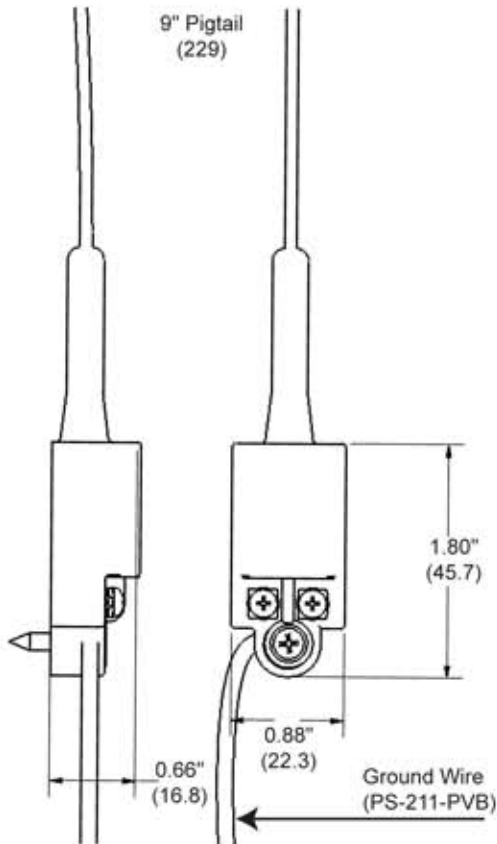
ORDERING INFORMATION

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

Differential or Common Mode Surge Protection

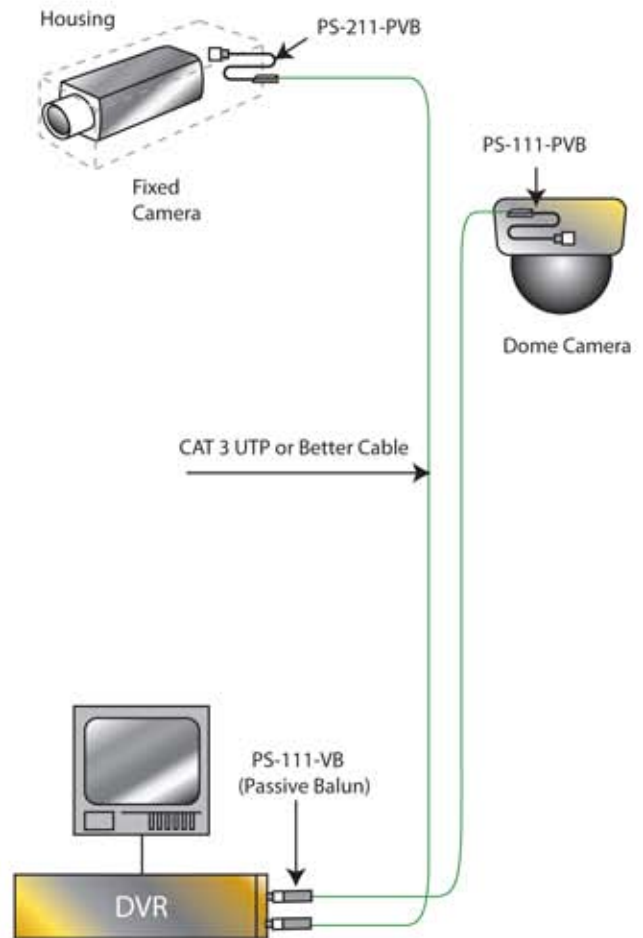
MECHANICAL SPECIFICATIONS:

millimeters ()



Weight (approx.)	Operating Temperature	Relative Humidity
3.2 oz 91 g	5°F to 113°F -15°C to 45°C	98% RH max non-condensing

APPLICATION DIAGRAM:



Electrical Specifications

Frequency:	20 Hz to 10 MHz	Insertion Loss:	0.3 dB
Common Mode Rejection:	>50 dB (Typical)	UTP Category:	≥3
Power:	Not required	Max Surge Current:	220A
Connection Method (In/Out):	Pigtail w/BNC (M)/Screw Terminals	Nominal Working Voltage:	5VDC
DC Breakdown Voltage:	6.8VDC	Impedance:	UTP - 100Ω
Impedance:	Coax Cable - 75Ω	Max Distance (UTP):	1000 ft (305m)
Response Time:	<5 ns		