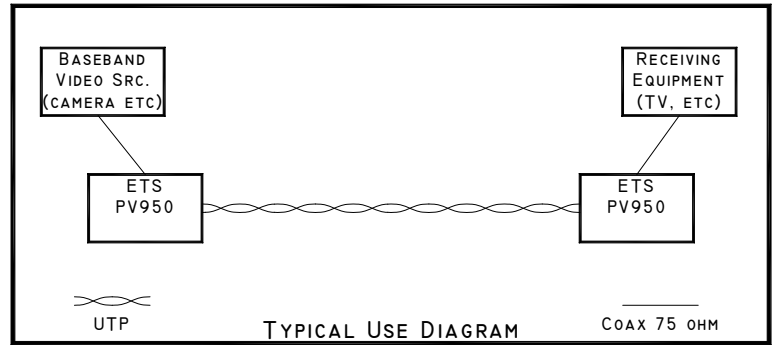


## PV950 Series

## Isolated Video Balun



Features/Advantages	Description	Applications
<ul style="list-style-type: none"> <li>Ideal for situations where differing ground potentials between send and receive units create ground loop conditions, degrading picture quality.</li> <li>Use UTP for long distance signal transmission with superior performance and easy, low-cost installation</li> <li>Distances: <ul style="list-style-type: none"> <li>Color &gt; 330 meters</li> <li>B/W &gt; 750 meters</li> </ul> </li> <li>Rugged plastic case</li> <li>Made in USA</li> <li>100% tested</li> </ul>	<p>The <b>PV950 Isolated Video Balun</b> from ETS is designed for baseband (CCTV), NTSC, PAL and SECAM signals. The PV950 blocks the effects of ground loops (visual ripples and warps in the video image, often referred to as “hum bars”) when sending baseband video signals over Category 5 or better 100Ω twisted pair cabling (UTP or STP).</p> <p>The PV950 uses special circuitry to block noise ingress at the point of entry to the Category 5 cabling, yielding a better transmission medium for baseband video, especially over the longer distances required by many current applications. The baluns, passive (no power required) devices, convert baseband signals from the 75Ω coax cabling of any source equipment. The PV950 creates a balanced signal and sends it over 100Ω UTP wiring, then converts back at the receiving end, yielding excellent picture quality.</p>	<ul style="list-style-type: none"> <li>Many Baseband Video applications</li> <li>Security and Surveillance</li> <li>Video Terminals, Displays</li> </ul>

Specifications	Product Ordering Information																						
<table> <tr> <td>Bandwidth</td><td>10 Hz to 4.2MHz</td></tr> <tr> <td>Insertion Loss</td><td>3.5 dB</td></tr> <tr> <td>Return Loss</td><td>15 dB</td></tr> <tr> <td>Balance</td><td>40 dB</td></tr> <tr> <td>Connectors</td><td>BNC (female or male) to RJ45 jack or screw terminal</td></tr> <tr> <td>Media</td><td>Category 5 or better</td></tr> <tr> <td>Distance</td><td>1200 ft – Color; 2500 ft – B/W</td></tr> <tr> <td>Dimensions</td><td>66mm x 66mm x 28mm</td></tr> <tr> <td>Net Weight</td><td>0.1 kg</td></tr> </table>	Bandwidth	10 Hz to 4.2MHz	Insertion Loss	3.5 dB	Return Loss	15 dB	Balance	40 dB	Connectors	BNC (female or male) to RJ45 jack or screw terminal	Media	Category 5 or better	Distance	1200 ft – Color; 2500 ft – B/W	Dimensions	66mm x 66mm x 28mm	Net Weight	0.1 kg	<table> <tr> <td>PV950</td><td>Isolated Baseband Video Balun, FBNC to RJ45, pins 5, 4</td></tr> <tr> <td>PV951</td><td>Isolated Baseband Video Balun, FBNC to screw terminal</td></tr> </table>	PV950	Isolated Baseband Video Balun, FBNC to RJ45, pins 5, 4	PV951	Isolated Baseband Video Balun, FBNC to screw terminal
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Revised 11/07/2011



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