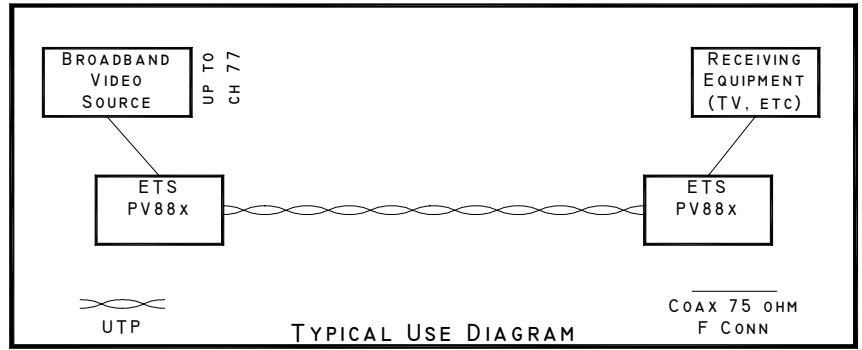


PV880 Series

Broadband Video Baluns



Features/Advantages	Description	Applications
<ul style="list-style-type: none"> Transport Broadband video signals over structured wiring (UTP)* Up to 77 channels (550 MHz) on CATV spectrum Low cost solution for moves, adds and changes by reducing costs of cable and associated labor of rewiring. Sturdy compact plastic case Made in USA. 100% QA. 	<p>Broadband video (CATV) over UTP, once thought to be impractical (or impossible), is now commonplace, due to the use of the PV880 Series of Broadband Video Baluns from ETS. Commercial and professional grade video can be transmitted over Category 5 and better UTP.</p> <p>Distance is a function of frequency and signal level. Using Category 5 or better cable, all channels up to 26, at a drive level of not more than 36dBmV will accommodate 100 meters. The usable distance is reduced at higher channels, reaching 50 meters at channel 78.</p> <p>APPLICATION NOTE – Off air channel 26 is 542 to 548 MHz. CATV allows packing channels into unused on-air frequencies.</p>	<ul style="list-style-type: none"> Media Retrieval Systems Schools Churches Production Monitoring Security and Surveillance Displays “Smart” Houses Teleconferencing Cable TV Distribution

*NOTE: Category 5 or better cable recommended. Other wiring may result in non-compliance with FCC rules and regulations.

Specifications		Product Ordering Information	
Bandwidth	50 MHz to 550 MHz	PV880	Broadband Video, male F on 6in pigtail to RJ45 pins 1, 2
Connectors	F connector (m or f) to RJ45	PV882	Broadband Video, female F to RJ45 pins 4, 5
Impedance	75Ω unbalanced to 100Ω balanced	PV883	Broadband Video, male F on 6" pigtail to RJ45 pins 4, 5
Insertion Loss	3 dB	PFA	F connector gender adapter, male to male
Return Loss	16 dB	Cable Type v. Channel = (Approximate) Distance Chart	
Common Mode Rejection	>40 dB	chan. →	2 26 77 120 Signal Max
Media	Category 5e or better UTP recommended	CAT5	170m 80m 50m N/A 36dBmV
Dimensions	46mm x 25mm x 19mm (+ pigtail on PV883)	CAT5e	195m 95m 60m N/A 41dBmV
Net Weight	0.02 kg	Level 7	230m 110m 60m N/A 46dBmV
			(or equivalent)

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