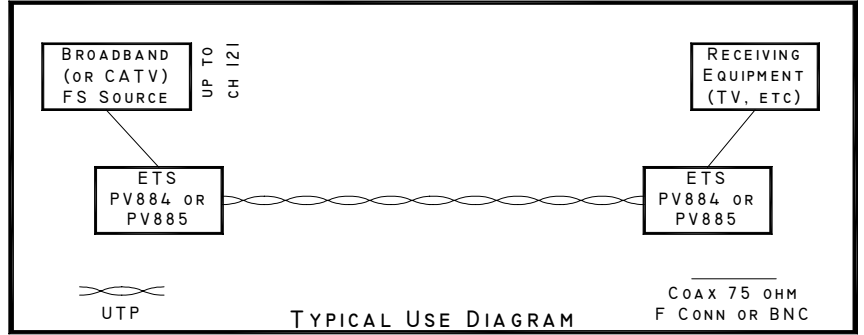


PV884, PV885

ULTRA Broadband Video Baluns



Features/Advantages	Description	Applications
<ul style="list-style-type: none"> Transport ALL CATV spectrum video signals over UTP* Up to 120+ channels (850 MHz) in CATV spectrum Low cost solution for moves, adds and changes by reducing costs of cable and associated labor of rewiring. Shielded metal enclosure Made in USA. 100% QA. 	<p>Expanding the territories opened by the Broadband Video Baluns, ETS introduces the PV884 and PV885 – ULTRA Broadband Video Baluns. The frequency range has been increased and EMI reduced, both due to enhanced filtering and an all-metal enclosure.</p> <p>FCC requirements preclude boosting signal levels to the values required to guarantee preset distances. Distance achievable is a function of signal level, balance and the degree to which the cable used unbalances the signal. Cat5e maintains signal balance at least 5 dB better than Cat5. Level 7 or equivalent cable is another 5 dB better, providing for a signal drive level of not more than 46 dBmV.</p> <p>The PV884 offers a BNC connector for use with professional grade equipment. “Prosumer” and consumer electronics that connect using ‘F’ connectors requires our PV885 or PV888 baluns.</p>	<ul style="list-style-type: none"> Cable TV Distribution Media Retrieval Systems Schools Churches Production Monitoring Security and Surveillance Displays “Smart” Houses Teleconferencing

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

Specifications		Product Ordering Information					
Bandwidth	20 MHz to 850 MHz CATV to 120+, off air channels 2 to 75	PV884	Ultra Broadband, female BNC to RJ45 pins 4, 5				
Connectors	BNC or F connector to RJ45, pins 4, 5	PV885	Ultra Broadband, female ‘F’ to RJ45 pins 4, 5				
Impedance	75Ω unbalanced to 100Ω balanced	PV888	Ultra Broadband, male ‘F’ on 6” pigtail to RJ45: 4, 5				
Insertion Loss	3 dB up to 350 MHz; 5 dB up to 850 MHz	PFA	F connector gender adapter, male to male				
Return Loss	16 dB	‘Rough’ Cable Type v. Channel = Distance Chart chan. → 2 26 77 120 Signal Max					
Common Mode Rejection	>40 dB						
Media	Category 5e or better UTP	CAT5	180m	85m	50m	40m	36dBmV
Dimensions	25mm x 25mm x 70mm	CAT5e	215m	100m	60m	50m	41dBmV
Net Weight	0.07 kg	Level 7 (or equivalent)	280m	120m	70m	55m	46dBmV

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 Revised 06/05/2001



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