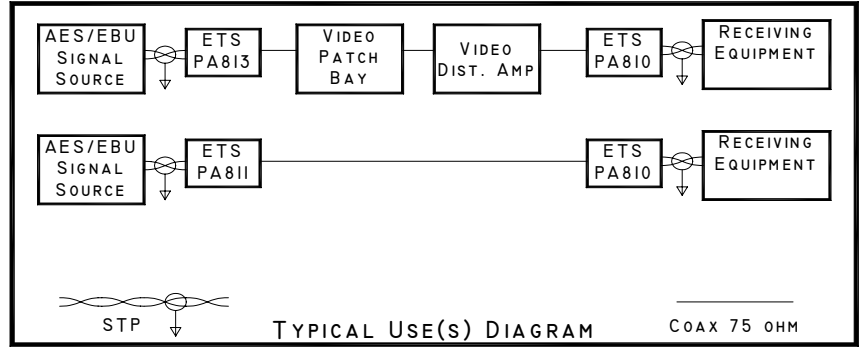


PA810 Series

Digital Audio Baluns & Balun Panels



Features/Advantages	Description	Applications
<ul style="list-style-type: none"> Converts AES/EBU digital audio between balanced 110Ω XLR and unbalanced 75Ω BNC Separate baluns, or rack-mountable panel versions Panel mount has monitor port for each channel Available in isolated versions*, to route signals via video patch bays, eliminate ground loops 10 dB pad available to attenuate signals to 1 V_{P-P} for compatibility with VDA and router equipment Metal cases, chassis Made in USA 100% tested 	<p>ETS, long a leader in baluns for computer networks, applies our expertise in Balanced Line™ technology to the XLR to BNC Digital Audio Baluns (DAB) and DAB Panels. The PA810 Series of baluns and balun panels from ETS are designed to connect AES/EBU signals from XLR output equipment into standard 75Ω coax cabling systems. These baluns perform precise impedance matching and signal balancing, allowing AES/EBU signals to be transmitted with greater signal integrity and longer runs over coaxial cable than can be achieved with STP wiring. Isolated versions are available for VDA and router applications.</p> <p>The newest members of this family are the PA818-X Digital Audio Panels. Incorporating all of the functionality of our baluns in a convenient, 8 channel, single rack height unit, an isolated outputs and monitor ports for each channel are standard.</p> <p>The PA819 “Re-Balancer” balances signals into a real balanced line performance.</p>	<ul style="list-style-type: none"> Broadcast Control Rooms Recording Studios Post Production Facilities Satellite TV Facilities

*NOTE: Versions of PA810, PA811 and PA813 available with isolation and with BNC male as custom order products.

Specifications		Product Ordering Information	
Bandwidth	20 kHz to 60 MHz (1 dB)	PA810	AES/EBU Balun, FBNC to MXLR
Connectors	XLR to BNC	PA811	AES/EBU Balun, FBNC to FXLR
Insertion Loss	< 0.15 dB	PA812	AES/EBU Balun, FBNC to MXLR, 10dB [atten 1V _{P-P}]
Max Signal	5V _{P-P}	PA813	AES/EBU Balun, F-BNC to F-XLR, PAD to 1 V _{P-P}
Impedance Match	75 Ω to 110Ω	PA818-F	AES/EBU Panel, (8) FXLR to FBNC, PAD to 1 V _{P-P}
Comm Mode Reject.	> 40 dB up to 40 MHz	PA818-H	AES/EBU Panel, (8): (4) as -F, (4) as -M
Distance	Up to 2500 ft - 75 ohm coax cable	PA818-FN	AES/EBU Panel, (8) FXLR to FBNC
Dimensions	Panels: 1 RU x 37mm deep	PA818-HN	AES/EBU Panel, (8): (4) as -FN, (4) as -M
	Baluns 20.3mm dia. x 89mm long	PA818-M	AES/EBU Panel, (8) MXLR to FBNC
Net Weight	Panel: 0.91 kg; Balun: 0.03 kg	PA819	AES/EBU Rebalanced, MXLR to FXLR
		* All PA818 panels have isolated outputs standard	

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