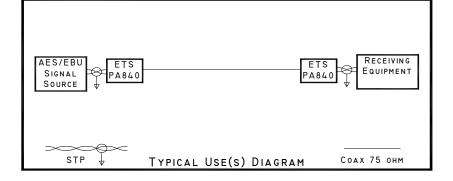
## **PA840 Series**





Features/Advantages	Features/Advantages Description	
<ul> <li>Converts AES/EBU digital audio between balanced 110Ω STP and unbalanced 75Ω BNC</li> <li>Separate baluns or rack-mountable panel versions</li> <li>Panel-mount has a monitor port for each channel</li> <li>Isolated signals ease routing signals via video patch bays, eliminating ground loops</li> <li>Compact, rugged case</li> <li>Made in USA</li> <li>100% tested</li> </ul>	ETS Isolated Digital Audio Baluns offer screw terminal connections. From Southeast Asia to Madison Square Garden, these AES/EBU-compliant products are hard at work converting digital audio signals from Shielded Twisted Pair (STP) cable to coax. Used for temporary setups, as well as permanently, in locations where coax is already present, and economical than pulling fresh STP – the PA840 and PA841 baluns deliver proven solutions. These baluns perform precise impedance-matching and signal-balancing, enabling AES/EBU signals to be sent with greater signal integrity and longer runs over coaxial cable than can be achieved with STP wiring. The signal isolation enables VDA and router applications.	<ul> <li>Broadcast Control Rooms</li> <li>Recording Studios</li> <li>Post Production Facilities</li> </ul>

Specifications		Product Ordering Information	
Bandwidth Connectors Insertion Loss Max Signal Impedance Match Comm Mode Reject. Distance	20 kHz to 60 MHz (1 dB) Screw Terminals (2 or 3) to F-BNC < 0.15 dB $5V_{P-P}$ 75 $\Omega$ to 110 $\Omega$ Screw Terminal > 40 dB up to 40 MHz Up to 2500 ft – 75 ohm coax cable	PA840 PA841	AES/EBU Balun, Isolated, F-BNC to (3) Screw Term. AES/EBU Balun, Isolated, F-BNC to (2) Screw Term.
Dimensions Net Weight	(mm) 22 x 25 x 60 (kg) 0.03		

© Copyright 2001-2011 Energy Transformation Systems, Inc.

FatCat5 System panels and information outlets protected under US Patent Number 6,123,577. FatCat5 T<sup>™</sup>, FatCat5 System<sup>™</sup>, Chameleon Color Coding System<sup>™</sup>, Balanced Star<sup>™</sup>, Balanced Line<sup>™</sup>, Monoline<sup>™</sup> and Precision Wave<sup>™</sup>, InstaSnake<sup>™</sup>, *Cine*Snake<sup>™</sup> are trademarks of Energy Transformation Systems. All other brand or product names are or may be trademarks of, and are used to identify the products or services of their respective owners. Revised 10/13/2011



Energy Transformation Systems, Inc. 43353 B Osgood Road, Fremont, CA 94539 www.etslan.com 800-752-8208 510-656-2012 Fax 510-656-2026

