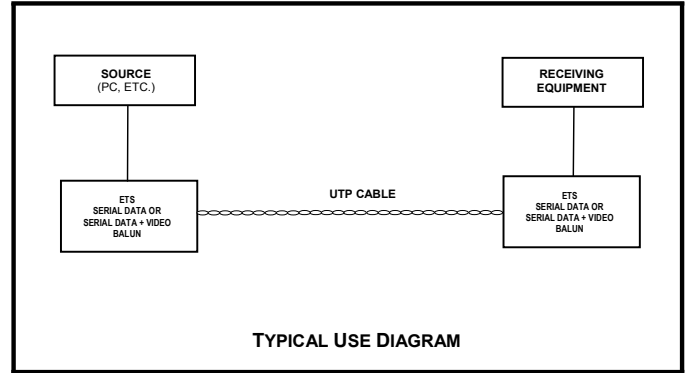


EB-SDB9 Series

RS-232 (Serial Data Baluns) Baluns



Features/Advantages	Description	Applications
<ul style="list-style-type: none"> Converts an unbalanced RS232 signal to a balanced signal for a more robust transmission. Extends signaling distance to 1000 feet. Passive circuitry (no external power) Rugged plastic case Made in USA 100% tested 	<p>The ETS Serial Data Baluns transform RS232 two-way signaling without additional control signals to run over Cat5 cabling.</p> <p>The Serial Data Balun balances the transmit and receive signals, and increases to 1,000 feet the distance signals can be safely sent. The result is similar to RS422.</p>	<ul style="list-style-type: none"> To increase RS232 signaling distances Control industrial automation Control power Control networks

Specifications		Product Ordering Information	
Bandwidth	Beyond 1 MHz (Serial Data) Flat to 60 MHz (Video)	EB-SDB9-SET	Set, Serial Data Baluns: EB-SDB9-F + EB-SDB9-M
Connectors	DB9 (Female or Male) 2.00 ft pigtail or FBNC or 4 pin Mini DIN to RJ45 jack	EB-SDB9-M	Serial Data Balun, DB9-M 2.00 ft pigtail pins 2, 3 & 5 to RJ45 jack, pins 1, 2 & 7, 8
Crosstalk	>50dB	EB-SDB9F	Serial Data Balun, DB9-F 2.00 ft pigtail pins 2, 3 & 5 to RJ45 jack, pins 1, 2 & 7, 8
Media	Category 5 cable or better recommended	PV7006	Serial Data Balun/S-Video, DB9-F 2.00 ft pigtail + Mini Din to RJ45 jack, (S-Video) pins 1, 2 & 7, 8 (Serial Data) pins 4, 5 & 3, 6
Distance	Up to 1000 ft.	PV7007	Serial Data Balun/S-Video, DB9-M 2.00 ft pigtail + Mini Din to RJ45 jack, (S-Video) pins 1, 2 & 7, 8 (Serial Data) pins 4, 5 & 3, 6
Dimensions (H x L x W)	66mm x 66mm x 28mm (+ pigtail)	PV7013	Serial Data Balun/Composite Video, DB9-M 2.00 ft pigtail + (1) FBNC to RJ45 jack, (Video) pins 5,4 (Serial Data) Video) pins 1,2 & 7,8
Net Weight	0.14kg	PV7014	Serial Data Balun/Composite Video, DB9-F 2.00 ft pigtail + (1) FBNC to RJ45 jack, (Video) pins 5,4 (Serial Data) Video) pins 1,2 & 7,8

© Copyright 1999-2011 Energy Transformation Systems, Inc. FatCat5 System panels and information outlets protected under US Patent Number 6,123,577. FatCat5™, FatCat5 System™, Chameleon Color Coding System™, Balanced Star™, Balanced Line™, Monoline™ and Precision Wave™, InstaSnake™, CineSnake™ 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 Rd., Fremont, CA 94539
 www.etslan.com
 800-752-8208 510-656-2012 Fax 510-656-2026

