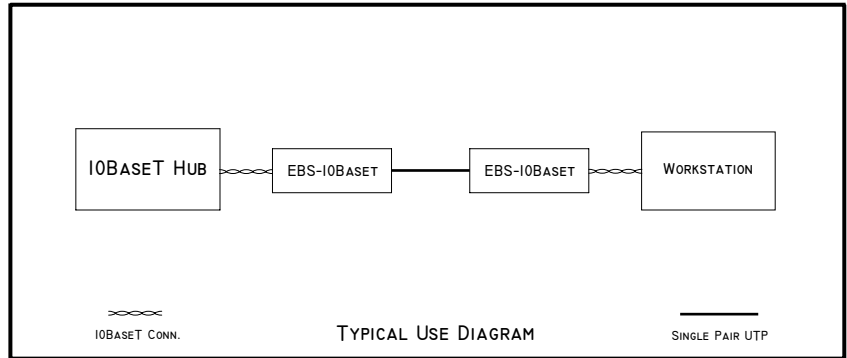


Pair Savers



Single Pair Ethernet Baluns



Features/Advantages	Description	Applications
<ul style="list-style-type: none"> • May use installed base of telco/Cat3 or better UTP • Exceeds 802.3 10BaseT NEXT specification, isolating the receiver from the transmitted signal • Run 100 meters (TIA568A) on high quality telco, Cat3 or better UTP • Compact plastic case • Made in USA • 100% tested 	<p>The unique Monoline™ Baluns, only from ETS, allow you to reuse existing premise cabling for Ethernet 10BaseT networks. One single pair of UTP or STP replaces two pair UTP with improved NEXT (near-end crosstalk) over the 802.3 specification</p> <p>A Monoline™ Balun at each hub port and ones at the workstation completes the installation without the expense of rewiring your facility with UTP for data. Standard 802.3 distances (100 meters) are supported over a single pair of UTP or STP.</p> <p>The Pair Savers used as shown above allows you to support two 10BaseT connections with a single UTP network run, done simply and easily.</p>	<ul style="list-style-type: none"> • Any facility wired for legacy data networks that might otherwise require rewiring the building for using 10BaseT equipment can benefit from using Monoline Baluns™. • UTP/STP installations can use the single line EBS-10BaseT Series.

Specifications		Product Ordering Information	
Insertion Loss	< 0.5 dB	EBS-10BaseT-45-4	RJ45 pins 4, 5 to RJ45
Connectors	RJ11 or RJ45 plug to RJ45	EBS-10BaseT-11-3	RJ11 pins 3, 4 to RJ45
Impedance	100Ω to dual 100Ω (two pair)	EBS-10BaseT-45-4-3C	RJ45 pins 4, 5 to RJ45
Crosstalk	>30 dB	EBS-10BaseT-11-3-3C	RJ11 pins 3, 4 to RJ45
Distance	250 ft – Cat3 or better cable		
Dimensions	46mm x 25mm x 19mm plug pigtailed and cords as noted		
Net Weight	0.02 kg (approximate)		

© Copyright 2004-2009 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 are trademarks of Energy Transformation Systems. All other brand or product names are or may be trademarks of, and are used to identify, products or services of their respective owners.

Revised 07/08/2009



Energy Transformation Systems, Inc.
 43353 Osgood Rd., Unit B, Fremont, CA 94539
 www.etslan.com

800-752-8208 510-656-2012 Fax 510-656-2026

