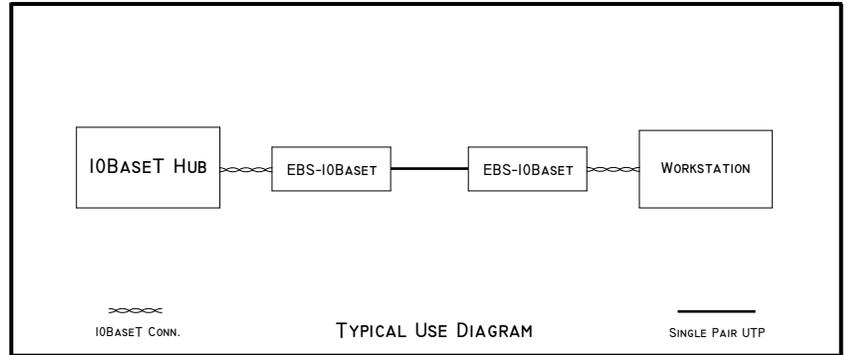


# EBS-10BaseT Series

# Single Pair Ethernet Baluns



Features/Advantages	Description	Applications
<ul style="list-style-type: none"> <li>• May use installed base of telco/CAT3 or better UTP</li> <li>• Exceeds 802.3 10BaseT NEXT specification, isolating the receiver from the transmitted signal</li> <li>• Can run to 100 meters (TIA568A) on high quality telco, CAT3 or better UTP</li> <li>• Compact plastic case</li> <li>• Made in USA</li> <li>• 100% tested</li> </ul>	<p>These unique <b>Monoline™ Baluns</b>, only from ETS, enable you to re-use existing premise cabling for Ethernet™ 10BaseT networks. One single pair of UTP or STP replaces two pair UTP yet with improved NEXT (near-end crosstalk) over the 802.3 specification</p> <p>A <b>Monoline™ Balun</b> at each hub port and one at each workstation completes the installation without the expense of re-wiring a facility with UTP for data. Standard 802.3 distances (100 meters) are supported over a single pair of UTP or STP.</p> <p>The ETS Pair Savers used as shown enable the support of two 10BaseT connections with a single UTP network run--simply, easily and economically.</p>	<ul style="list-style-type: none"> <li>• Any facility wired for legacy data networks that would otherwise require re-wiring to use 10BaseT equipment can instead use ETS <b>Monoline™ Baluns</b>.</li> <li>• UTP/STP installations can use the single line EBS-10BaseT Series.</li> <li>• OpenROV vehicles</li> </ul>

Specifications	Product Ordering Information
Insertion Loss < 0.5 dB	EBS-10BaseT-45-4 RJ45 jack pins 4,5 to RJ45 jack pins 1,2 & 3,6
Connectors RJ11 or RJ45 plug to RJ45	EBS-10BaseT-11-3 RJ11 jack pins 3,4 to RJ45 jack pins 1,2 & 3,6
Impedance 100Ω to dual 100Ω (two pair)	EBS-10BaseT-45-4-3C 3.00" UTP RJ45 plug, pins 4,5 to RJ45 jack pins 1,2 & 3,6
Crosstalk >30 dB	EBS-10BaseT-11-3-3C 3.00" UTP RJ11plug, pins 3,4 to RJ45 jack pins 1,2 & 3,6
Distance 250 ft – CAT3 or better cable	EBS-10BaseT-45F-4-3C 3.00" UTP RJ45 plug, pins 1,2 & 3,6 to RJ45 jack pins 4&5
Dimensions 46mm x 25mm x 19mm plug pigtails and cords as noted	EBS-10BaseT-11F-3-3C 3.00" UTP RJ45 plug, pins 1,2 & 3,6 to RJ11 jack pins 3,4
Net Weight 0.02 kg (approximate)	EBS-10BaseT-ST Screw Terminal to RJ45 jack to 10BaseT
	EBS-10BaseT-2C-ST Screw Terminal to 2" UTP to RJ45 plug 10 BaseT
	EBS-10BaseT-2C-SL Screwless Terminal to 2" UTP to RJ45 plug 10 BaseT

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