



Features/Advantages	Description	Applications
<ul style="list-style-type: none"> <li>Available in impedance matched and low NEXT versions</li> <li>ETS is the ONLY source for Low NEXT adapters</li> <li>100 meters for all models; Low NEXT supports 170 meter operations</li> <li>Certified by Cisco and IBM Global Services</li> <li>Meets IEEE 802.3</li> </ul>	<p>The <b>ETS ICS Cable Adapters for 10/100BaseTX</b>, and <b>10/100BaseTX with Ultra Low NEXT</b> (with or without impedance matching [IM] feature a RJ45 jack (pins 1, 2, 3, and 6) at one end and 4 position Universal Data Connector (UDC) at the other end. Mate 150Ω IBM Type 1 (STP) to 100Ω UTP for running <b>10BaseT 100BaseTX</b>. You can now install an 802.3 Ethernet network without the expense of rewiring to UTP.</p> <p>The <b>Low NEXT 10/100BaseTX Adapter</b> is applicable in situation where the user wants to minimize data error rates at the maximum rated distances, offsetting the possibility of marginal cable or installation quality.</p> <p><b>EA-DATA-U</b> products are cost-effective, non-impedance matching adapters that function well in many installations. Longer distances and the lowest data error rates require Low NEXT adapters.</p>	<ul style="list-style-type: none"> <li>For use in facilities wired with IBM Cabling System (150Ω STP), also known as Type 1 Cabling</li> </ul>

Specifications		Product Ordering Information	
Connectors Impedance	RJ45 (pins 1, 2, & 3, 6) to UDC 150Ω to 100Ω	EB-10/100Base TX-U-45 EB-10/100BaseTX-U-45L	RJ45 to UDC 100BaseTX IM Adapter RJ45 to UDC 100BaseTX IM Adapter Low NEXT
Return Loss NEXT	>38dB		
10/100BaseTx	>38dB	EA-DATA-U-45	RJ45 to UDC 100BaseTX Adapter
10/100BaseTX, Low Next	>44dB	EA-DATA-U-45-L	RJ45 to UDC 100BaseTX Adapter, Low NEXT
Distances	EB-10/100Base TX-U-45 - 330 ft EB-10/100BaseTX-U-45L - 550 ft EA-DATA-U-45 330 ft EA-DATA-U-45-L 550 ft		
Dimensions (HLW) Weight	25mm x 30mm x 70mm 0.04 kg		

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Revised 11/07/2011



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

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

