



Features/Advantages	Description	Applications
<ul style="list-style-type: none"> Available in impedance matched and low NEXT versions ETS is the ONLY source for Low NEXT adapters 100 meters for all models; Low NEXT supports 170 meter operations Certified by Cisco and IBM Global Services Meets IEEE 802.3 	<p>The ETS ICS Cable Adapters for 10/100BaseTX, and 10/100BaseTX with Ultra Low NEXT (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 10BaseT 100BaseTX. You can now install an 802.3 Ethernet network without the expense of rewiring to UTP.</p> <p>The Low NEXT 10/100BaseTX Adapter 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>EA-DATA-U 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"> For use in facilities wired with IBM Cabling System (150Ω STP), also known as Type 1 Cabling

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 10/100BaseTX, Low Next	>38dB >44dB		
Distances	EB-10/100Base TX-U-45 – EB-10/100BaseTX-U-45L - EA-DATA-U-45 EA-DATA-U-45-L	330 ft 550 ft 330 ft 550 ft	RJ45 to UDC 100BaseTX Adapter RJ45 to UDC 100BaseTX Adapter, Low NEXT
Dimensions (HLW) Weight	25mm x 30mm x 70mm 0.04 kg		

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