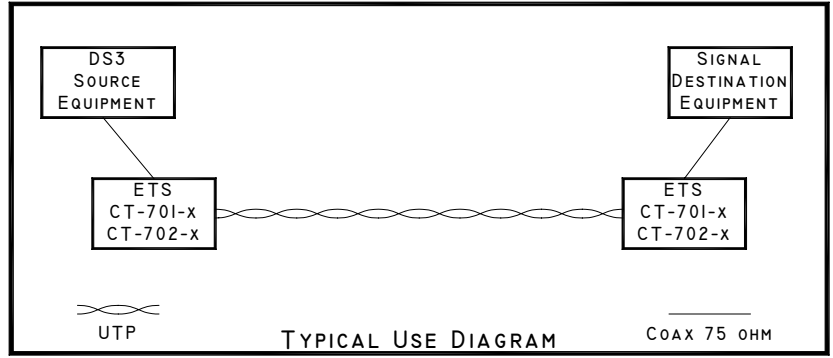


# CT-700 Series

# DS3 Baluns



Features/Advantages	Description	Applications
<ul style="list-style-type: none"> <li>• Transport DS3 signals over Category 5 UTP</li> <li>• Easy installation</li> <li>• Requires no power source</li> <li>• Uses existing wiring plant</li> <li>• Lifetime warranty</li> <li>• Made in USA</li> <li>• 100% tested</li> </ul>	<p>The <b>ETS CT-700 Series</b> of DS3 Baluns allows distribution of DS3 signals over Category 5 or better cabling, instead of having to pull dedicated coax.</p> <p>The baluns convert the unbalanced 75Ω signal to a well-balanced 100Ω for low loss transport over UTP, minimizing both signal radiation and noise pickup.</p> <p>The design also minimizes reflections caused by poor impedance matching. The <b>CT700 DS3 Baluns</b> use only a single pair out of a run of four pair.</p>	<ul style="list-style-type: none"> <li>• ISP and ASP Sites</li> <li>• Backbone Distribution</li> </ul>

Specifications		Product Ordering Information	
Bandwidth	0.1 MHz to 50 MHz	CT-701-4	DS3 Balun, FBNC to RJ45 Jack, pins 4, 5
Connectors	BNC to RJ45 Jack	CT-701-7	DS3 Balun, FBNC to RJ45 Jack, pins 7, 8
Impedance	75 Ω to 100 Ω	CT-702-4	DS3 Balun, MBNC to RJ45 Jack, pins 4, 5
Insertion Loss	<0.25 dB	CT-702-7	DS3 Balun, MBNC to RJ45 Jack, pins 7, 8
Return Loss	> 30 dB		
Common Mode Rejection	> 40 dB		
Media	Category 5 or better UTP		
Distance	330 ft		
Dimensions	46mm x 25mm x 19mm		
Net Weight	0.02 kg		

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