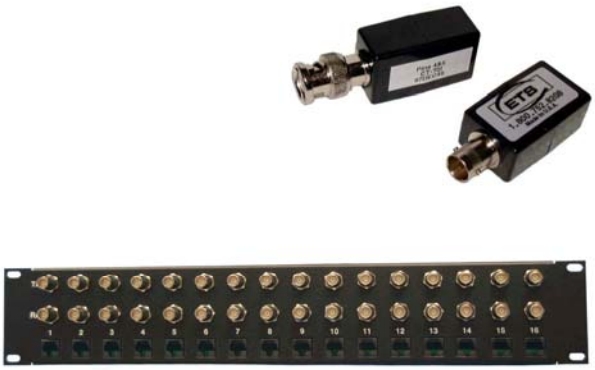
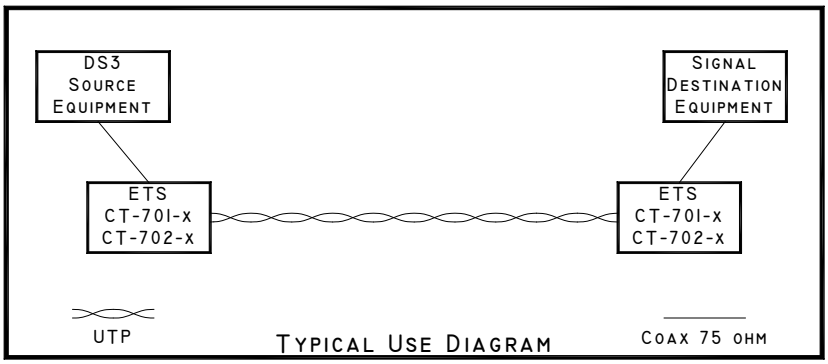
CT-700 Series

DS3 Baluns





Features/Advantages	Description	Applications
• Transport DS3 signals over Category 5 UTP • Easy installation • Requires no power source • Uses existing wiring plant • Lifetime warranty • Made in USA • 100% tested	The **ETS CT-700 Series** of DS3 Baluns allows distribution of DS3 signals over Category 5 or better cabling, instead of having to pull dedicated coax. 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. The design also minimizes reflections caused by poor impedance matching. The **CT700 DS3 Baluns** use only a single pair out of a run of four pair.	• ISP and ASP Sites • Backbone Distribution

Specifications	
Bandwidth	0.1 MHz to 50 MHz
Connectors	BNC to RJ45 Jack
Impedance	75 Ω to 100 Ω
Inserton Loss	<0.25 dB
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

Product Ordering Information	
CT-701-4	DS3 Balun, FBNC to RJ45 Jack, pins 4, 5
CT-701-7	DS3 Balun, FBNC to RJ45 Jack, pins 7, 8
CT-702-4	DS3 Balun, MBNC to RJ45 Jack, pins 4, 5
CT-702-7	DS3 Balun, MBNC to RJ45 Jack, pins 7, 8

© Copyright 1999 - 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™, InstaSnake™, *Cine*Snake™ are trademarks of Energy Transformation Systems. All other brand or product names are or may be trademarks of, and are used to identify the products or services of their respective owners.

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

RoHS©