



**LAIRD**<sup>®</sup>  
DIGITAL CINEMA  
**TUFFCAT**

# TUFFCAT-PS CABLE SERIES

## TUFFCAT-PS Super Tough Cat5e Cable w/ Belden 7923A and ProShell Connectors

Prevalent use of RJ45 connectors in the stage world has created the need for a road-worthy RJ connector. The patented ProShell converts a conventional RJ45 connector into a robust connector solution capable of repeated connections while maintaining mechanical and electrical integrity. The only solution available that doesn't require specialized connectors at both ends, the ProShell can be used with standard hardware. Developed for any application requiring heavy duty CAT5e cable deployment. Features Belden 7923a DataTuff Twisted pair cable with CAT-5e connector boots to protect locking tabs on RJ45 connector ends. Perfect in the field connecting audio and video baluns, or anywhere a heavy-duty CAT5e cable is needed.

### Features:

- Ruggedized Cable and Connectors Designed for Repeated Connections
- CAT5E Tactical Cable
- Robust Latch Lock System Protects Connections
- RJ45 Strain Relief
- Ergonomic Design for Easy Handling
- Integral Latch Protection and Optimal Protective Caps
- Intermateable with Existing etherCON CAT5
- Phosphor Bronze with Selective Gold Plating in Contact Area of Connectors



### Specifications:

- **Belden 7923A Paired CAT5e DataTuff Twisted Pair Cable**
  - AWG: 24
  - Stranding Material: Solid BC - Bare Copper
  - Number of Pairs: 4
  - Max. Conductor DCR: 9 Ohm/1000ft
  - Max. DCR Unbalance: 3.0%
  - Max. Capacitance Unbalance: 66 pF/ft
  - Nom. Mutual Capacitance: 15 pF/ft
  - Max. Delay Max.: 510 ns/100m
  - UL Voltage Rating: 300 V (CMR), 300 V (CMX-Outdoor)
  - UL Rating Temp: 75°C
  - Operating Temp: -40°C To +75°C
  - Installation Temp: -25°C To +75°C
  - Storage Temp: -25°C To +75°C
  - Max. Pull Tension: 40 lbs
  - Environmental Suitability: Indoor/Outdoor, Indoor, Outdoor, Sunlight Resistance, Oil Resistance
  - Flammability / Fire Resistance: UL1666 Riser, FT4, FT4, 1202 Vertical Tray, IEC 60332-1-2
  - Data Category: Category 5e
  - TIA/EIA Compliance: ANSI/TIA-568.2-D Category 5e

