



# LAIRD<sup>®</sup>

DIGITAL CINEMA

## TUFFCAT

# CABLE SERIES

### Laird TUFFCAT Super Tough Field Deployment Ready CAT5e Cables

The Laird TUFFCAT6A Cat6A cable series with 10G tactical network cable terminates in various connector options with heavy duty protection for harsh conditions requiring repeated connections. The ruggedized CAT6A tactical cable is extra-flexible with a TPE jacket that withstands temperature extremes. The durable, locking connector systems maintains mechanical and electrical integrity and exceeds 10-Gig performance standards. Laird TUFFCAT6A cables are designed for HDBase-T and UHD-4K video transmission in punishing environments such as live events and OB trucks.

### Features:

- Ruggedized Cable and Connectors Designed for Repeated Connections
- Extra-Flexible CAT6A 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

### Specifications:

- **Tactical Category 6A Data Cable**
  - 4 Twisted Pair 24AWG 7/32 Stranded Tinned Copper
  - Impedance: 100Ω/ (+/- 15) 1 - 100MHz, 100Ω/ (+/- 25) 251 - 500MHz
  - Capacitance: 13.5 PF/FT@1MHz
  - DC Resistance: 14.0Ω
  - Insulation: HDPE Shield: 75% TC Braid, 100% Foil
  - UL Approved for Sunlight Resistant & Direct Burial
  - Meets IEEE 1202 Flame Test
  - Max Voltage Rating 300V TIA-568-C.2 Category 6 AND 6a Applications
  - Cable is suitable for use in Class I Division II hazardous locations

### Assembly Part Number Examples:

- **TUFFCAT6A-xxxPS** ( Equipped with ProShell Connector Covers)
- **TUFFCAT6A-EP-xxx** ( Equipped with ProShell Connector Covers & Neutrik etherCON)
- **TUFFCAT6A-EC** (Equipped with Neutrik etherCON Connectors)

