



LAIRD[®]
DIGITAL CINEMA
TUFFCAT

TUFFCAT6A-EC

CABLE SERIES

TUFFCAT6A-EC Super Tough Shielded Cat6A Cable with etherCON RJ45 Locking Connector System

The Laird TUFFCAT6A-EC CAT6A cable with 10G tactical network cable terminates in RJ45 etherCON to RJ45 etherCON connectors 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 system 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
- 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: 100 Ω / (+/- 15) 1 - 100MHz, 100 Ω / (+/- 25) 251 - 500MHz
 - Capacitance: 13.5 PF/FT@1MHz
 - DC Resistance: 14.0 Ω
 - 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
- **Neutrik NE8MX6-B etherCON RJ45 Connector**
 - Rated for 1000 Mating Cycles
 - Unique Chuck-type Strain Relief Diecast Shell

NOTE: Does not intermate with the CAT6 chassis connectors NE8FDY-C6 and NE8FDY-C6-B

