

## 1303E-TOP

# CABLE SERIES

### Laird 1303E-TOP Belden 1303E Field Deployable Cat6A Cable with etherCON TOP Connectors

The Laird 1303E-TOP series, designed with Belden 1303E Catsnake cable is designed to withstand repeated pulling, flexing, bending, coiling, and crushing during stage and live sound events. This assembly supports current and future Category 6A and 6 applications, such as: 10GBase-T(10 Gigabit Ethernet), 1000 Base-T (Gigabit Ethernet), 100 Base-T, 10 Base-T, FDDI, ATM. Terminated with lockable Neutrik etherCON RJ45 TOP connectors for repeated connections in mobile productions or harsh environments and available in a variety of lengths.

### Features:

- Withstands repeated pulling, flexing, bending, coiling, and crushing during stage and live sound events
- Excellent Flexibility
- Stranded (7x32) conductors and matte-finished jackets
- Lockable & Outdoor Protected Neutrik etherCON TOP Connectors

### Specifications:

- **Belden 1303E Cat6A Cable:**
  - Conductor Element: Individual Shielded Pair
  - Conductor Size: 24 AWG
  - Conductor Stranding: 7x32
  - Conductor Material: Bare Copper
  - Conductor Number of Pairs: 4
  - Conductor Number of Element: 8
  - Insulation Material: PE - Polyethylene (Foam)
  - Voltage Rating: 72 V DC
  - Operating Temperature: -30°C to +60°C
  - Storage Temp: -30°C To +60°C
  - Max. Pull Tension: 75 N (17 lbf)
  - TIA/EIA Compliance: ANSI/TIA 568.2-D
  - ISO/IEC Compliance: ISO/IEC 11801-1, IEC 61156-6
  - CENELEC Compliance: EN 50173-1, Segregation class according EN50174-2 = c
  - Support for current and future Category 6A and 6 applications, such as: 10GBase-T(10 Gigabit Ethernet), 1000 Base-T (Gigabit Ethernet), 100 Base-T, 10 Base-T, FDDI, ATM; Compatible connectors Belden R301601 000S1(T568A) and R301602 000S1(T568B)
- **Neutrik etherCON RJ45 TOP Connectors**
  - Insertion force: ≤ 20 N
  - Withdrawal force: ≤ 20 N
  - Lifetime: 1000 mating cycles

