



# CA-0462L

## Two Pair Shielded DMX Stage Lighting Cable

**Description:** 22 AWG, 2 pair cable constructed with stranded tinned copper, foam polyethylene insulation, an aluminum mylar shield, a drain wire, and a tinned copper braid and an overall polyvinylchloride jacket for general purpose communications applications manufactured in the USA. (UL) CM C(UL)US or UR AWM 2919 30V 80°C FT-1.

### 1. Conductor

- 1.1. AWG & Stranding: 22 AWG, 19 Strands
- 1.2. Material: Annealed Tinned Copper

### 2. Insulation

- 2.1. Material: Cellular Polyethylene (FPE)
- 2.2. Wall Thickness: 0.016"
- 2.3. Color Code: White x Black, Red x Green

### 3. Assembly

- 3.1. Pair/Cable Lay Length: 1.60" / 3.00" LHL Nominal
- 3.2. Cable Shield: Aluminum Mylar - 100% Coverage
- 3.3. Cable Shield: Braid tinned copper 90% coverage
- 3.4. Cable Drain Wire: 22 AWG 19 Strand Tinned Copper (outside foil and under braid)

### 4. Jacket

- 4.1. Material: Polyvinylchloride (PVC)
- 4.2. Wall Thickness: 0.035"
- 4.3. Diameter: 0.290"
- 4.4. Color: Black
- 4.5. Ripcord: Nylon Ripcord
- 4.6. Weight: 51 lbs/Mft

### 5. Markings

- 5.1. Type: Cable shall be permanently identified via surface inkjet print (white ink)
- 5.2. Legend: GUITAR-CABLE.COM CA-0462L: DMX RS 485 LIGHTING CABLE E171197 22AWG 2 PAIR SHIELDED (UL) CM C(UL) US OR RU AWM 2919 30V 80°C LOW VOLTAGE COMPUTER CABLE FT-1 "ROHS"
- 5.3. Markers: No Footage Markers

### 6. Standards

- 6.1. Impedance: 120 Ohms/Mft
- 6.2. Capacitance: 12.8 pF/ft
- 6.3. Operating Voltage: 30 Volts
- 6.4. Operating Temperature: -30°C To 80°C
- 6.5. UL Recognized CM OR AWM 2919 30V 80°C
- 6.6. All materials used in the manufacture of this cable are RoHS compliant

