



Specification Sheet

Lake Cable Part #: AVB241D

Description: 24 AWG 2 conductor shielded cable constructed with stranded tinned copper cellular PE insulation, a heat fusible Aluminum/Mylar shield, a stranded tinned copper drain wire, and an overall PVC jacket. For AES/EBU digital audio applications, (UL) Type CL3R or CMR c(UL)us 75°C

1. **Conductor**
 - 1.1.AWG & Stranding: 24 AWG 7 Strand Class B
 - 1.2.Material: Annealed Tinned Copper
 - 1.3.Conductor Count: 2 Conductors
2. **Insulation**
 - 2.1.Material: Foamed Polyethylene
 - 2.2.Wall Thickness: 0.020"
 - 2.3.Color Code: Blue & White
3. **Assembly**
 - 3.1.Cable Lay Length: 1.00" LHL Nominal (12 tw/ft)
 - 3.2.Cable Shield: Heat Fusible Aluminum/Mylar Tape - 100% Coverage (Bonded to Jacket)
 - 3.3.Cable Drain Wire: 24 AWG 7 Strand Tinned Copper
4. **Jacket**
 - 4.1.Material: Polyvinylchloride
 - 4.2.Wall Thickness: 0.023"
 - 4.3.Diameter: 0.177" ± 0.008"
 - 4.4.Color: Black
 - 4.5.Ripcord: No
 - 4.6.Weight: 16 Lbs/Mft
5. **Markings**
 - 5.1.Type: Cable permanently identified via surface inkjet print
 - 5.2.Legend: LAKE CABLE AVB241D DIGITAL AUDIO CABLE E171197 24 AWG 1PR SHIELDED (UL) CMR C(UL)US OR (UL) CL3R 75°C MADE IN USA "ROHS" FT-4
 - 5.3.Sequential Markers: Yes
6. **Nominal Electrical Characteristics**
 - 6.1.DC Resistance: 23.8 Ω/Mft @ 20°C
 - 6.2.Capacitance: 12.0 pF/ft (Conductor to Conductor)
 - 6.3.Impedance: 110 Ω +/- 15
7. **Standards**
 - 7.1.Cable suitable for installations under NEC (NFPA 70) article 800 guidelines
 - 7.2.UL listed as Type CL3R per UL 13 or and UL listed as Type CMR per UL 444
 - 7.3.All materials used in the manufacture of this cable are RoHS compliant
 - 7.4.Maximum Operating Voltage: 300V
 - 7.5.Made in the USA

ALL SPECIFIED PARAMETERS ARE NOMINAL AND SUBJECT TO VERIFICATION