



# Specification Sheet

## Lake Cable Part #: AVB2612DSC

**Description:** Twelve individually shielded and jacketed pairs cable with and an overall TPE jacket. For AES/EBU digital audio applications, listed CMR C(UL)US 75°C

(12pr EPS & JKT) 26 AWG 7 strands TC Foam PP Insulated

1. **Conductor**
  - 1.1. AWG & Stranding: 26 AWG 7 Strands Class B
  - 1.2. Material: Annealed Tinned Copper
  - 1.3. Conductor Count: 12 Pairs
  
2. **Insulation**
  - 2.1. Material: Foamed Polypropylene
  - 2.2. Wall Thickness: 0.015"
  - 2.3. Color Code: (12pr) Black x White
  
3. **Pairs Assembly**
  - 3.1. Pairs Lay Length: 1.50" LHL (8 tw/ft) Nominal
  - 3.2. Pairs Drain Wire: 26 AWG 7 Strand Tinned Copper
  - 3.3. Pairs Shield: Heat Fusible Aluminum/Mylar Tape - 100% coverage (Foil Facing In)
  
4. **Pairs Jacket**
  - 4.1. Material: (Pressured) Polyvinylchloride
  - 4.2. Wall Thickness: 0.023"
  - 4.3. Diameter: 0.141"
  - 4.4. Color(s): #1 Brown, #2 Red, #3 Orange, #4 Yellow, 5# Green, #6 Blue, #7 Purple, #8 Gray, #9 White, #10 Black, #11 Tan, #12 Pink (numbered with alphanumeric characters)
  - 4.5. Ripcord: No
  
5. **Overall Assembly**
  - 5.1. Cable Lay Length: 5.00 LHL (2.4 tw/ft) Nominal
  - 5.2. Binder: Tissue Wrap - 100% Coverage
  
6. **Jacket**
  - 6.1. Material: (Pressured) Matte Finish Thermoplastic Elastomer
  - 6.2. Wall Thickness: 0.065"
  - 6.3. Diameter: 0.715"
  - 6.4. Color: Black
  - 6.5. Ripcord: Not Required
  - 6.6. Weight: 230 Lbs/Mft
  
7. **Markings**
  - 7.1. Type: Cable permanently identified via surface print with Print Wheel
  - 7.2. Legend: LAKE CABLE AVB2612DSC DIGITAL AES/EBU 12 CHANNEL AUDIO CABLE E171197  
26 AWG CMR C(UL)US 75°C MADE IN THE USA ROHS COMPLIANT FT-4
  - 7.3. Footage Markers: Yes



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#### 8. Nominal Electrical Characteristics

- 8.1. DC Resistance: 45.8  $\Omega$ /Mft @ 20°C
- 8.2. Capacitance: 11.7 pF/ft (Conductor to Conductor)
- 8.3. Impedance: 110  $\Omega$  +/- 15

#### 9. Standard

- 9.1. Cable suitable for installations under NEC (NFPA 70) article 800 guidelines
- 9.2. UL listed as type CMR c(UL)us 75°C per UL standard 444
- 9.3. All materials used in the manufacture of this cable are RoHS compliant
- 9.4. Recommended Operating Voltage: 300V
- 9.5. Made in the USA

*ALL SPECIFIED PARAMETERS ARE NOMINAL AND SUBJECT TO VERIFICATION*