



# Specification Sheet

## Lake Cable Part #: AVB24DMX2C-IEWC

**Description:** 24 AWG 1 pair cable constructed with stranded bare copper, foam PE insulation, an aluminum/Mylar shield, with a stranded drain wire, and an overall matte finish PVC jacket.

- 1. Conductor**
  - 1.1.AWG & Stranding: 24 AWG 7 Strands Class B
  - 1.2.Material: Annealed Bare Copper
  - 1.3.Conductors Count: 1 Pair
  
- 2. Insulation**
  - 2.1.Material: Foamed Polyethylene
  - 2.2.Wall Thickness: 0.017"
  - 2.3.Color Code: Black x Red
  
- 3. Assembly**
  - 3.1.Cable Lay Length: 1.50" LHL (8.0 tw/ft)
  - 3.2.Fillers: Fibrillated Polypropylene - as Necessary for a Circular Cross-Section
  - 3.3.Shield: Aluminum/Mylar - 100% Coverage (Aluminum Side Facing Out)
  - 3.4.Drain: 24 AWG 7 Strands Tinned Copper
  
- 4. Jacket**
  - 4.1.Material: Pressure Extruded Polyvinylchloride
  - 4.2.Convolution Level: 2 or Better
  - 4.3.Wall Thickness: 0.048"
  - 4.4.Diameter: 0.192" ± 0.010"
  - 4.5.Color: Matte Finish Black
  - 4.6.Ripcord: No
  - 4.7.Weight: 26 Lbs/Mft
  
- 5. Markings**
  - 5.1.Type: Cable permanently identified via surface legend with silver ink print
  - 5.2.Legend: DMX 512 CABLE 24AWG 1PAIR "ROHS COMPLIANT" MADE IN THE USA
  - 5.3.Footage markers: Yes
  
- 6. Nominal Electrical Characteristics**
  - 6.1.DC Resistant: 23.7 Ω /Mft @ 20°C
  - 6.2.Impedance: 120 Ω
  - 6.3.Capacitance: 11.0 pF/ft
  - 6.4.Propagation Velocity: 76%
  - 6.5.Operating Voltage: 300V RMS
  
- 7. Standards**
  - 7.1.Cable meets or exceeds the requirements of DMX-512 and EIA/TIA-RS485 Standard
  - 7.2.Cable is RoHS III complaint per Directive 2015/863/EU
  - 7.3.Cable is REACH compliant per Regulation (EC) No 1907/2006 Updated July, 7 2017
  - 7.4.Made in the USA

Your signature constitutes that you have read and agreed to this specification sheet and upon confirmation of your order; this item may be non-cancelable and non-returnable.

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Signature

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Company

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Date

**ALL SPECIFIED PARAMETERS ARE NOMINAL AND SUBJECT TO VERIFICATION**