



Specification Sheet

Lake Cable Part #: AVB24DMX4C-IEWC

Description: 24 AWG 2 pairs 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: 2 Pairs

2. Insulation

- 2.1.Material: Foamed Polyethylene
- 2.2.Wall Thickness: 0.017"
- 2.3.Color Code: Black x Red, White x Green

3. Assembly

- 3.1.Pair Lay Length: 1.50" LHL (8.0 tw/ft)
- 3.2.Cable Lay Length: 3.00" LHL (4.0 tw/ft)
- 3.3.Fillers: Fibrillated Polypropylene - as Necessary for a Circular Cross-Section
- 3.4.Shield: Aluminum/Mylar - 100% Coverage (Aluminum Side Facing Out)
- 3.5.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: 0.285" ± 0.010"
- 4.5.Color: Matte Finish Black
- 4.6.Ripcord: No
- 4.7.Weight: 40 Lbs/Mft

5. Markings

- 5.1.Type: Cable permanently identified via surface legend with silver ink print
- 5.2.Legend: DMX 512 CABLE 24AWG 2PAIR "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.

Signature

Company

Date

ALL SPECIFIED PARAMETERS ARE NOMINAL AND SUBJECT TO VERIFICATION