



Specification Sheet

Lake Cable Part #: AVB241D-00EMI

Description: 24 AWG 1 pair stranded tinned copper wire, Foamed PE insulation, an overall aluminum/mylar tape shield with a stranded tinned copper drain wire and a flexible PVC jacket. 110 Ω Digital Audio Single Pair

- 1. Conductor**
 - 1.1. AWG & Stranding: 24 AWG 7 Strands 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: 0.021"
 - 2.3. Color Code: Black & Red
- 3. Assembly**
 - 3.1. Cable Lay Length: 1.50" LHL (8.0 tw/ft) Nominal
 - 3.2. Shield: Heat Fusible Aluminum/Mylar Tape - 100% Coverage (foil in)
 - 3.3. Drain Wire: 24 AWG 7 Strand Tinned Copper
- 4. Jacket**
 - 4.1. Material: Polyvinylchloride (Pressure Extruded)
 - 4.2. Wall Thickness: 0.022"
 - 4.3. Diameter: 0.180" ± 0.005"
 - 4.4. Color: Black
 - 4.5. Ripcord: N/A
 - 4.6. Weight: 16 Lbs/Mft
- 5. Markings***
 - 5.1. Type: Cable permanently identified via surface inkjet print
 - 5.2. Legend: | Entertainment Metals Inc. - EM01D - High Bandwidth 24 AWG 110Ω Digital Audio Single Pair (800) 817-2683 | ← (hash marks at 1 foot intervals)
 - 5.3. Footage Markers: N/A
- 6. Nominal Electrical Characteristics**
 - 6.1. Impedance: 110 ± 10 Ω
 - 6.2. Capacitance: 12 pF/ft.
 - 6.3. Conductor DCR: 24.54 Ω/Mft. @ 20° C Maximum
- 7. Standards**
 - 7.1. All materials used in the manufacturing of this cable are RoHS II & REACH compliant
 - 7.2. Maximum Operating Voltage: 300V RMS
 - 7.3. 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

ALL SPECIFIED PARAMETERS ARE NOMINAL AND SUBJECT TO VERIFICATION

***Client expressly indemnifies Lake Cable, LLC for any liabilities relating in any way to Lake Cable's placement of markings on the product, when such markings are specified for such placement by the client.**