



# Specification Sheet

## Lake Cable Part #: AV1020FC259

**Description:** 10 AWG 2 conductor 259 strands oxygen-free bare copper wire with PE insulation, unshielded and overall PVC jacket for low-voltage electronic cable applications.

- 1. Conductor**
  - 1.1.AWG Size & Stranding: 10 AWG 259 Strands Class M
  - 1.2.Material: Annealed Oxygen Free Copper
  - 1.3.Conductor Count: 2 Conductors
- 2. Insulation**
  - 2.1.Material: Polyethylene
  - 2.2.Wall Thickness: 0.019"
  - 2.3.Color Code: Black, Red
- 3. Assembly**
  - 3.1.Nominal Lay Length: 5.25" RHL (2.86 tw/ft)
- 4. Jacket**
  - 4.1.Material: Polyvinylchloride
  - 4.2.Wall Thickness: 0.058"
  - 4.3.Diameter: 0.452" ± 0.025"
  - 4.4.Color: Black
  - 4.5.Ripcord: Yes
  - 4.6.Weight: 135 Lbs/Mft
- 5. Markings**
  - 5.1.Type: Cable permanently identified via surface inkjet print
  - 5.2.Legend: LAKE CABLE AV1020FC259 10AWG 2C 259STR OXYGEN FREE COPPER 75°C (UL) CL2 SUN RES OR C(UL)US CM "FOR AUDIO ONLY" "ROHS II" MADE IN USA
  - 5.3.Footage markers: Yes
- 6. Nominal Electrical Requirements**
  - 6.1.Impedance: 66 Ω ± 10%
  - 6.2.Capacitance: 23.2 pF/ft
  - 6.3.DC Resistance: 1.0 Ω/Mft @ 20°C
  - 6.4.Operating Voltage: 300V RMS Maximum
- 7. Standards**
  - 7.1.Cable suitable for installations under NEC (NFPA 70) article 800 and article 725 guidelines
  - 7.2.C(UL)US CM listed per UL standard 444 and (UL) CL2 listed per UL standard 13
  - 7.3.All materials used in the manufacture of this cable are RoHS II & REACH compliant
  - 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

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