



# Specification Sheet

## Lake Cable Part #: S222PROFI-BRD

**Description:** 22 AWG 1 pair with solid bare copper wire with FMPE insulation, aluminum/mylar shield, a tinned copper braid and a PVC jacket. for use with EDP equipment where terminated in connectors and located entirely exterior to the equipment

- 1. Conductor**
  - 1.1.AWG & Stranding: 22 AWG Solid
  - 1.2.Material: Annealed Bare Copper
  - 1.3.Conductor Count: 1 Pair
- 2. Insulation**
  - 2.1.Material: Foamed Polyethylene
  - 2.2.Wall Thickness: 0.037" Nominal
  - 2.3.Color Code: Red, Green
- 3. Assembly**
  - 3.1.Pair Lay Length: 3.00" LHL, Nominal
  - 3.2.Pair Binder: Clear/Mylar, 100% coverage
  - 3.3.Inner Jacket Type: Pressure Extruded Polyvinylchloride
  - 3.4.Inner Jacket Diameter: 0.217"
  - 3.5.Cable Shield: Aluminum/Mylar - 100% Coverage
  - 3.6.Cable Braid: 67% Coverage - Tinned Copper Braid
- 4. Jacket**
  - 4.1.Material: Pressure Extruded Polyvinylchloride
  - 4.2.Wall Thickness: 0.033"
  - 4.3.Diameter: 0.315"  $\pm$  0.010"
  - 4.4.Ripcord: N/A
  - 4.5.Color: Purple (Color Matched per Sample)
  - 4.6.Weight: 47 lbs/Mft
- 5. Markings**
  - 5.1.Type: Cable shall be permanently identified via surface inkjet print
  - 5.2.Legend: LAKE CABLE E206787 22AWG 2C SHLD RU AWM STYLE 2560 60°C 30V "ROHS COMPLIANT"
  - 5.3.Footage Markers: Yes
- 6. Nominal Electrical Characteristics**
  - 6.1.Impedance: 150  $\Omega$   $\pm$  10%
  - 6.2.Capacitance: 8.65 pF/ft
  - 6.3.DC Resistance: 16.5  $\Omega$ /Mft @ 20°C
- 7. Standards**
  - 7.1.UL listed as Type AWM 2560 30V, 60°C
  - 7.1.All materials used in the manufacture of this cable are RoHS compliant
  - 7.2.Made in the USA

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

Signature

Company

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