



# Specification Sheet

Lake Cable Part #: S202PR2216ST-BRD

**Description:** Four elements composite cable with an overall, Aluminum Foil Shield, Drain Wire, Braid Shield,

PVC jacket 105°C applications

- 20 AWG 2C Shielded
- 22 AWG 2C Shielded
- 22 AWG 7C Shielded
- 22 AWG 7C Singles Unshielded

Element 1: 20 AWG 2C Shielded

- 1. Conductor**
  - 1.1. AWG Size & Stranding: 20 AWG 19 Strands
  - 1.2. Material: Annealed Tinned Copper
  - 1.3. Conductor Count: 2 Conductors
- 2. Insulation**
  - 2.1. Material: Polyvinylchloride
  - 2.2. Wall Thickness: 0.010"
  - 2.3. Color Code: Black, Red
- 3. Assembly**
  - 3.1. Nominal Lay Length: 2.00" LHL (6.0 tw/ft)
  - 3.2. Fillers: N/A
  - 3.3. Binder: Aluminum Foil Shield, Foil Out

Element 2: 22 AWG 2C Shielded

- 4. Conductor**
  - 4.1. AWG Size & Stranding: 22 AWG 19 Strands
  - 4.2. Material: Annealed Tinned Copper
  - 4.3. Conductor Count: 2 Conductors
- 5. Insulation**
  - 5.1. Material: Polyvinylchloride
  - 5.2. Wall Thickness: 0.010"
  - 5.3. Color Code: Green, White
- 6. Assembly**
  - 6.1. Nominal Lay Length: 1.50" LHL (8.0 tw/ft)
  - 6.2. Fillers: N/A
  - 6.3. Binder: Aluminum Foil Shield, Foil Out

Element 3: 22 AWG 7C Shielded

- 7. Conductor**
  - 7.1. AWG Size & Stranding: 22 AWG 19 Strands
  - 7.2. Material: Annealed Tinned Copper

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



7.5. Conductor Count: 7 Conductors

**8. Insulation**

- 8.1. Material: Polyvinylchloride
- 8.2. Wall Thickness: 0.010"
- 8.3. Color Code: Black, Red, Orange, Yellow, Green, Blue, Violet

**9. Assembly**

- 9.1. Nominal Lay Length: 2.25" LHL (5.33 tw/ft)
- 9.2. Fillers: N/A
- 9.3. Binder: Aluminum Foil Shield, Foil Out

Element 4: 22 AWG 7C Singles Unshielded

**10. Conductor**

- 10.1. AWG Size & Stranding: 22 AWG 19 Strands
- 10.2. Material: Annealed Tinned Copper
- 10.3. Conductor Count: 2 Conductors

**11. Insulation**

- 11.1. Material: Polyvinylchloride
- 11.2. Wall Thickness: 0.010"
- 11.3. Color Code: Orange/White, Green/White, Blue/White, Violet/White, Red/White, Brown/White, Yellow/White

**Overall Cable Assembly**

**12. Assembly**

- 12.1. Nominal Lay Length: 5.00" LHL (2.40 tw/ft)
- 12.2. Fillers: Non-Hygroscopic Polypropylene - as Necessary for a Circular Cross-Section
- 12.3. Binder: Overall Aluminum Foil Shield - 100% Coverage Foil Out
- 12.4. Drain Wire: 22 AWG 7 Strands Annealed Tinned Copper
- 12.5. Braid Shield: 36 AWG Braid Shield, 85% Coverage
- 12.6. Separator: Tissue Paper Separator - 100% Coverage

**13. Jacket**

- 13.1. Material: Pressure Extruded Polyvinylchloride
- 13.2. Wall Thickness: 0.040"
- 13.3. Diameter: 0.440"
- 13.4. Color: Gray
- 13.5. Ripcord: No
- 13.6. Weight: 135 Lbs/Mft

**14. Markings**

- 14.1. Type: Cable permanently identified via surface inkjet print
- 14.2. Legend: N/A
- 14.3. Footage Markers: No

**15. Standards**

- 15.1. All materials used in the manufacturing of this cable are RoHS II and REACH compliant
- 15.2. Cable is UL approved for Sunlight Resistant Applications
- 15.3. Maximum Operating Voltage: 600V RMS
- 15.4. Made in the USA

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

**KENSINGTON LABORATORIES, INC.**

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93-5008-1808-22

18 Conductor Cable Specifications

CMP 0018-S

10/29/1999

18 Conductor composite cable consisting of:

22 AWG (19 strand) 7 conductor concentric lay tinned copper per ASTM-B-33 alloy 110 with 105° C Polyvinyl Chloride Insulation per M16878/1 and overall alum/poly shield alum out

22 AWG (19 strand) twisted pair tinned copper per ASTM-B-33 alloy 110 with 105° C Polyvinyl Chloride Insulation per M16878/1 and overall alum/poly shield alum out

20 AWG (19 strand) 2 conductor concentric lay tinned copper per ASTM-B-33 alloy 110 with 105° C Polyvinyl Chloride Insulation per M16878/1 and overall alum/poly shield alum out

22 AWG (19 strand) 7 conductor concentric lay tinned copper per ASTM-B-33 alloy 110 with 105° C Polyvinyl Chloride Insulation Per M16878/1

22 AWG (7 strand) concentric lay tinned copper per ASTM-B-33 alloy 110 (drain wire)

Aluminum backed mylar tape (.002)

Tinned copper shield (overall braid)

Jacket: Gray Polyvinyl Chloride Fire Retardant Material

0.440 max. O.D.