

ALPHA WIRE COMPANY
CUSTOMER PRODUCT SPECIFICATION

Part Number: 6010L
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Issue: 1
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A. Construction

Diameters (In)

- 1) Component 1 3 X 1 PAIR
 - a) Conductor 22 (7/30) AWG TC
 - b) Insulation 0.010" Wall, Nom. Polypropylene(PP) 0.050
 - (1) Color Code Alpha Wire Company Color Code A
- | Pair | Color | Pair | Color | Pair | Color |
|------|-----------|------|-------------|------|-------------|
| 1 | BLACK-RED | 2 | BLACK-WHITE | 3 | BLACK-GREEN |
- c) Pair 2/Cond Cabled Together
 - (1) Twists: 8.0 Twists/foot (min)
 - Individually Applied:
 - d) Shield: Foil Free Alum/Mylar Tape, 25% Overlap, Min.
 - (1) Foil Direction Foil Facing In
 - (2) Drain Wire 22 (7/30) AWG TC
 - 2) Cable Assembly 3 Components Cabled
 - a) Twists: 4.0 Twists/foot (min)
 - b) Core Wrap Clear Mylar Tape, 25% Overlap, Min.
 - 3) Jacket 0.047" Wall, Nom., Low Smoke Zero Halogen (LSZH) 0.299 (0.313 Max.)
 - a) Color(s) SLATE
 - b) Print ALPHA WIRE-* P/N 6010L 3PR 22 AWG
SHIELDED 75C (UL) TYPE CM OR 75C C(UL) TYPE CMG
LSZH ROHS
* = Factory Code

B. Industry Approvals

- 1) UL CM 75°C
- 2) CSA International FT4 75°C
- 3) Other C(UL) TYPE CMG REACH Regulation (EC 1907/2006)
- 4) EU Directive 2002/95/EC(RoHS):
All materials used in the manufacture of this part are in compliance with EU Directive 2002/95/EU regarding the restriction of use of certain hazardous substances in electrical and electronic equipment. Consult Alpha Wire's web site for compliance Date of Manufacture.

C. Physical & Mechanical Properties

- 1) Temperature Range -20 to 75°C
- 2) Bend Radius 10X Cable Diameter
- 3) Pull Tension 49 Lbs, Maximum

D. Electrical Properties

- (For Engineering purposes only)
- 1) Voltage Rating 300 V_{RMS}
- 2) Characteristic Impedance 55 Ω
- 3) Inductance 0.18 μH/ft, Nominal
- 4) Mutual Capacitance 28 pf/ft @1 kHz, Nominal

E. Other

- 1) Packaging
 - a) Bulk(Made-to-order)
- 2) Notes:
 - a) Flammability - Passes IEC 60332-1
 - b) Acid Gas Generation - Passes IEC 60754-1 and 60754-2
 - c) Smoke Emission - Passes IEC 61034-2

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