

ALPHA WIRE COMPANY
CUSTOMER PRODUCT SPECIFICATION

Part Number: 2466L
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Issue: 1
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A. Construction

Diameters (In)

- | | | | |
|----|---------------|-------------------------------------|-------|
| 1) | Component 1 | 2 X 1 PAIR | |
| | a) Conductor | 22 (7/30) AWG TC | |
| | b) Insulation | 0.009" Wall, Nom. Polypropylene(PP) | 0.047 |
| | (1) Color(s) | | |
-
- | Pair | Color | Pair | Color |
|------|-----------|------|-------------|
| 1 | RED-BLACK | 2 | GREEN-WHITE |
-
- | | | | |
|----|-----------------------|---|--------------------|
| c) | Pair | 2/Cond Cabled Together | |
| | Individually Applied: | | |
| | d) Shield: | Alum/Mylar Tape, 25% Overlap, Min. | |
| | (1) Foil Direction | Foil Facing Out | |
| 2) | Cable Assembly | 2 Components Cabled | |
| | a) Twists: | 8.0 Twists/foot (min) | |
| | b) Drain Wire | 24 (7/32) AWG TC | |
| 3) | Jacket | 0.014" Wall, Nom., Low Smoke Zero Halogen (LSZH) | 0.161 (0.184 Max.) |
| | a) Color(s) | SLATE | |
| | b) Print | ALPHA WIRE-* P/N 2466L 2PR 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 | C(UL) TYPE CMG
FT4 | 75°C |
| 3) | Other | 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. | |
| 5) | California Proposition 65: | The outer surface materials used in the manufacture of this part meet the requirements of California Proposition 65. | |

C. Physical & Mechanical Properties

- | | | |
|----|-------------------|--------------------|
| 1) | Temperature Range | -20 to 75°C |
| 2) | Bend Radius | 10X Cable Diameter |
| 3) | Pull Tension | 25 Lbs, Maximum |

D. Electrical Properties

(For Engineering purposes only)

- | | | |
|----|---------------------------|------------------------------|
| 1) | Voltage Rating | 300 VRMS |
| 2) | Characteristic Impedance | 58 Ω |
| 3) | Mutual Capacitance | 25 pf/ft @1 kHz, Nominal |
| 4) | Conductor DCR | 16.2 Ω/1000ft @20°C, Nominal |
| 5) | Ind. Shield DC Resistance | 20.6 Ω/1000ft @20°C, 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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