

ALPHA WIRE COMPANY
CUSTOMER PRODUCT SPECIFICATION

Part Number: 1896L
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Issue: 1
Issue Date: 1/5/2009
Effective Date: 1/5/2009

A. Construction

Diameters (In)

- | | | | |
|----|----------------|---|-------|
| 1) | Component 1 | 3 X 1 COND | |
| | a) Conductor | 20 (7/28) AWG TC | |
| | b) Insulation | 0.016" Wall, Nom. Low Smoke Zero Halogen (LSZH) | 0.071 |
| | (1) Color Code | Alpha Wire Company Color Code D | |

Cond	Color	Cond	Color	Cond	Color
1	BLACK	2	RED	3	WHITE

- | | | | |
|----|----------------|--|--------------------|
| 2) | Cable Assembly | 3 Components Cabled | |
| | a) Twists: | 5.3 Twists/foot (min) | |
| 3) | Jacket | 0.018" Wall, Nom., Low Smoke Zero Halogen (LSZH) | 0.189 (0.197 Max.) |
| | a) Color(s) | SLATE | |
| | b) Print | ALPHA WIRE-* P/N 1896L 3C 20 AWG
75C (UL) TYPE CM OR 75C C(UL) TYPE CMG
* = Factory Code | |

B. Industry Approvals

- | | | | |
|----|--------------------------------|---------------------------------|------|
| 1) | UL | CM | 75°C |
| 2) | CSA International | FT4 | |
| | | C(UL) TYPE CMG | 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.

C. Physical & Mechanical Properties

- | | | |
|----|-------------------|--------------------|
| 1) | Temperature Range | -20 to 75°C |
| 2) | Bend Radius | 10X Cable Diameter |
| 3) | Pull Tension | 26 Lbs, Maximum |

D. Electrical Properties

(For Engineering purposes only)

- | | | |
|----|----------------|------------------------------|
| 1) | Voltage Rating | 300 V _{RMS} |
| 2) | Inductance | 0.19 µH/ft, Nominal |
| 3) | Conductor DCR | 10.2 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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