

ALPHA WIRE COMPANY
CUSTOMER PRODUCT SPECIFICATION

Part Number: 1180L
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Issue: 1
Issue Date: 1/5/2009
Effective Date: 1/5/2009

A. Construction

Diameters (In)

- 1) Component 1 10 X 1 COND
 - a) Conductor 22 (7/30) AWG TC
 - b) Insulation 0.010" Wall, Nom. Low Smoke Zero Halogen (LSZH) 0.049
 - (1) Color Code Alpha Wire Company Color Code D

Cond	Color	Cond	Color	Cond	Color
1	BLACK	5	ORANGE	9	VIOLET
2	RED	6	BLUE	10	SLATE
3	WHITE	7	BROWN		
4	GREEN	8	YELLOW		

- 2) Cable Assembly 10 Components Cabled
 - a) Twists: 4.0 Twists/foot (min)
 - b) Core Wrap Clear Mylar Tape, 25% Overlap, Min.
- 3) Jacket 0.035" Wall, Nom., Low Smoke Zero Halogen (LSZH) 0.260 (0.275 Max.)
 - a) Color(s) SLATE
 - b) Print ALPHA WIRE-* P/N 1180L 10C 22 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 55 Lbs, Maximum

D. Electrical Properties

(For Engineering purposes only)

- 1) Voltage Rating 300 VRMS
- 2) Inductance 0.17 µH/ft, Nominal
- 3) Conductor DCR 16.4 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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