

ALPHA WIRE COMPANY
CUSTOMER PRODUCT SPECIFICATION

Part Number: 1180L
Page 1 of 1 Pages

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

Although Alpha Wire Company ("Alpha") makes every reasonable effort to ensure their accuracy at the time of publication, information and specifications described herein are subject to errors or omissions and to changes without notice, and the listing of such information and specifications does not ensure product availability.

Alpha provides the information and specifications herein on an "AS IS" basis, with no representations or warranties, whether express, statutory or implied. In no event will Alpha be liable for any damages (including consequential, indirect, incidental, special, punitive, or exemplary) whatsoever, even if Alpha has been advised of the possibility of such damages, whether in an action under contract, negligence or any other theory, arising out of or in connection with the use, or inability to use, the information or specifications described herein.