

ALPHA WIRE COMPANY
CUSTOMER PRODUCT SPECIFICATION

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

- A. Construction** Diameters (In)
- 1) Component 1 5 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	3	WHITE	5	ORANGE
2	RED	4	GREEN		

- 2) Cable Assembly 5 Components Cabled
- a) Twists: 4.4 Twists/foot (min)
- 3) Jacket 0.020" Wall, Nom., Low Smoke Zero Halogen (LSZH) 0.232 (0.244 Max.)
- a) Color(s) SLATE
- b) Print ALPHA WIRE-* P/N 1896/5L 5C 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 44 Lbs, Maximum

D. Electrical Properties

- (For Engineering purposes only)
- 1) Voltage Rating 300 VRMS
- 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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