
ALPHA WIRE COMPANY
CUSTOMER PRODUCT SPECIFICATION

Part Number: 1896/8C
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Issue: 4
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A. Construction

Diameters

- 1) Component 1 8 X 1 COND
a) Conductor 20 (7/28) AWG TC
b) Insulation 0.016" Wall, Nom. PVC 0.070
(1) Color Code Alpha Wire Color Code D

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

- 2) Cable Assembly 8 Components Cabled
a) Twists: 3.4 Twists/foot (min)
3) Jacket 0.020" Wall, Nom., PVC 0.273 (0.286 Max.)
a) Color(s) GRAY
b) Print ALPHA WIRE-* P/N 1896/8C 8/C 20 AWG
(UL) 75C TYPE CM OR AWM 2509 --- LLXXXXXX
CSA TYPE CMG FT4 ROHS
* = Factory Code

[Note: Product may have c(UL) or CSA markings depending upon plant of manufacture.]

B. Industry Approvals

- 1) UL AWM/STYLE2509 80°C / 300V
CM 75°C
VW-1
2) CSA International CMG 60°C
FT4
3) 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.
4) 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 80°C
2) Bend Radius 10X Cable Diameter
3) Pull Tension 70 Lbs, Maximum

D. Electrical Properties

- (For Engineering purposes only)
1) Voltage Rating 300 V_{RMS}
2) Capacitance 30 pf/ft @1 kHz, Nominal Conductor to Conductor
3) Inductance 0.19 µH/ft, Nominal
4) Conductor DCR 10.2 Ω/1000ft @20°C, Nominal

E. Other

- 1) Packaging
a) 1000 FT
b) 500 FT
c) 100 FT

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