
ALPHA WIRE COMPANY
CUSTOMER PRODUCT SPECIFICATION

Part Number: 1898/12C
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Issue: 5
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A. Construction

Diameters

- 1) Component 1 12 X 1 COND
 a) Conductor 18 (16/30) AWG TC
 b) Insulation 0.016" Wall, Nom. PVC 0.079
 (1) Color Code Alpha Wire Color Code D

Cond	Color	Cond	Color	Cond	Color
1	BLACK	5	ORANGE	9	VIOLET
2	RED	6	BLUE	10	GRAY
3	WHITE	7	BROWN	11	PINK
4	GREEN	8	YELLOW	12	TAN

- 2) Cable Assembly 12 Components Cabled
 a) Twists: 2.5 Twists/foot (min)
3) Jacket 0.025" Wall, Nom.,PVC 0.378 (0.394 Max.)
 a) Color(s) GRAY
 b) Print ALPHA WIRE-* P/N 1898/12C 12/C 18 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 151 Lbs, Maximum

D. Electrical Properties

- (For Engineering purposes only)
1) Voltage Rating 300 V_{RMS}
2) Capacitance 33 pf/ft @1 kHz, Nominal Conductor to Conductor
3) Inductance 0.18 µH/ft, Nominal
4) Conductor DCR 7.2 Ω/1000ft @20°C, Nominal

E. Other

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

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