

ALPHA WIRE COMPANY
CUSTOMER PRODUCT SPECIFICATION

Part Number: 1898/25C
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Issue: 5
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A. Construction

Diameters

- 1) Component 1 25 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	10	GRAY	19	WHITE/YELLOW
2	RED	11	PINK	20	WHITE/BLUE
3	WHITE	12	TAN	21	WHITE/BROWN
4	GREEN	13	RED/GREEN	22	WHITE/ORANGE
5	ORANGE	14	RED/YELLOW	23	WHITE/GRAY
6	BLUE	15	RED/BLACK	24	WHITE/VIOLET
7	BROWN	16	WHITE/BLACK	25	WHITE/BLACK/RED
8	YELLOW	17	WHITE/RED		
9	VIOLET	18	WHITE/GREEN		

- 2) Cable Assembly 25 Components Cabled
 a) Twists: 1.7 Twists/foot (min)
3) Jacket 0.035" Wall, Nom.,PVC 0.544 (0.565 Max.)
 a) Color(s) GRAY
 b) Print ALPHA WIRE-* P/N 1898/25C 25/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 314 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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