

ALPHA WIRE COMPANY
CUSTOMER PRODUCT SPECIFICATION

Part Number: 1899C Page 1 of 1 Pages	Issue: 4 Issue Date: 5/19/2005 Effective Date: 8/1/2005
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- A. Construction** Diameters (In)
- 1) Component 1 2 X 1 COND
 - a) Conductor 16 (19/.0117) AWG TC
 - b) Insulation 0.016" Wall, Nom. PVC 0.091
 - (1) Color Code Alpha Wire Company Color Code D

Cond	Color	Cond	Color
1	BLACK	2	RED

- 2) Cable Assembly 2 Components Cabled
- a) Twists: 4.8 Twists/foot (min)
- 3) Jacket 0.020" Wall, Nom., PVC 0.222 (0.232 Max.)
- a) Color(s) SLATE
- b) Print ALPHA WIRE-* P/N 1899C 2C 16 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/STYLE 2509 80°C / 300 VRMS
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 41 Lbs, Maximum

D. Electrical Properties

- (For Engineering purposes only)
- 1) Voltage Rating 300 VRMS
- 2) Capacitance 36 pf/ft @1 kHz, Nominal Conductor to Conductor
- 3) Inductance 0.17 µH/ft, Nominal
- 4) Conductor DCR 4.3 Ω/1000ft @20°C, Nominal

E. Other

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

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