

ALPHA WIRE COMPANY
CUSTOMER PRODUCT SPECIFICATION

Part Number: 1131C
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Issue: 4
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A. Construction

Diameters

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

0.079

Pair	Color	Pair	Color	Pair	Color
1	BLACK-RED				

- c) Cabling 2 COND Cabled
 - (1) Twists: 5.3 Twists/foot (min)
- 2) Core Wrap 0.0010" Clear Mylar Tape, 25% Overlap, Min.
- 3) Jacket 0.032" Wall, Nom.,PVC 0.225 (0.235 Max.)
 - a) Color(s) GRAY
 - b) Print ALPHA WIRE-* P/N 1131C 1PR 18 AWG
75C (UL) TYPE CM OR AWM 2464 --- 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/STYLE2464 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 25 Lbs, Maximum

D. Electrical Properties (For Engineering purposes only)

- 1) Voltage Rating 300 V_{RMS}
- 2) Mutual Capacitance 33 pf/ft @1 kHz, Nominal
- 3) Inductance 0.18 µH/ft, Nominal
- 4) Conductor DCR 7.1 Ω/1000ft @20°C, Nominal

E. Other

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

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