

ALPHA WIRE COMPANY
CUSTOMER PRODUCT SPECIFICATION

Part Number: 2411C	Issue: 6
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	Effective Date: 11/10/2008

- A. Construction** Diameters (In)
- 1) Component 1 2 X 1 COND
 - a) Conductor 20 (7/28) AWG TC
 - b) Insulation 0.016" Wall, Nom. Polyethylene(PE) 0.070
 - (1) Color(s)

Cond	Color	Cond	Color	Cond	Color
1	BLACK	2	NATURAL		

- 2) Cable Assembly 2 Components Cabled
- a) Twists: 6.0 Twists/foot (min)
- 3) Shield: Alum/Mylar Tape, 25% Overlap, Min.
 - a) Foil Direction Foil Facing Out
 - b) Drain Wire 20 (7/28) AWG TC
- 4) Jacket 0.020" Wall, Nom.,PVC 0.184 (0.194 Max.)
 - a) Color(s) SLATE
 - b) Print ALPHA WIRE-* P/N 2411C 2C 20 AWG
SHIELDED 75C (UL) TYPE CMG OR AWM 2092 ----
C(UL) CMG FT4 ROHS
* = Factory Code

B. Industry Approvals

- 1) UL AWM/STYLE 2092 60°C / 300 VRMS
CM 75°C
VW-1
- 2) CSA International C(UL) TYPE CMG 75°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 75°C
- 2) Bend Radius 10X Cable Diameter
- 3) Pull Tension 26 Lbs, Maximum

D. Electrical Properties

- 1) Voltage Rating (For Engineering purposes only)
300 VRMS
- 2) Capacitance 22.7 pf/ft @1 kHz, Nominal Conductor to Conductor
- 3) Ground Capacitance 41 pf/ft @1 kHz, Nominal
- 4) Characteristic Impedance 68 Ω
- 5) Inductance 0.19 μH/ft, Nominal
- 6) Conductor DCR 10.2 Ω/1000ft @20°C, Nominal
- 7) OA Shield DCR 8.2 Ω/1000ft @20°C, Nominal

E. Other

- 1) Packaging
 - a) 1000 FT
 - b) BOX 1000FT
 - c) BOX 500FT
 - d) 500 FT
 - e) 328 FT

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f) 100 FT

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