

ALPHA WIRE COMPANY
CUSTOMER PRODUCT SPECIFICATION

Part Number: 3480C
Page 1 of 1 Pages

Issue: 6
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A. Construction

Diameters (In)

- 1) Component 1 10 X 1 PAIR
 - a) Conductor 28 (7/36) AWG TC
 - b) Insulation 0.010" Wall, Nom. PVC, Semi Rigid 0.035
 - (1) Color Code Alpha Wire Company Color Code A

Pair	Color	Pair	Color	Pair	Color
1	BLACK-RED	5	BLACK-BROWN	9	RED-WHITE
2	BLACK-WHITE	6	BLACK-YELLOW	10	RED-BLUE
3	BLACK-GREEN	7	BLACK-ORANGE		
4	BLACK-BLUE	8	RED-GREEN		

- c) Pair 2/Cond Cabled Together
 - (1) Twists: 12.0 Twists/foot (min)
- 2) Cable Assembly 10 Components Cabled
 - a) Twists: 3.7 Twists/foot (min)
- 3) Shield: Alum/Mylar Tape, 25% Overlap, Min.
 - a) Foil Direction Foil Facing Out
 - b) Drain Wire 28 (7/36) AWG TC
 - c) Braid TC,65% Coverage, Min.
- 4) Jacket 0.035" Wall, Nom.,PVC 0.332 (0.352 Max.)
 - a) Color(s) SLATE
 - b) Print ALPHA WIRE-* P/N 3480C 10PR 28 AWG
SHIELDED 75C (UL) TYPE CL2 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/STYLE 2464 80°C / 300 V_{RMS}
CL2 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 35 Lbs, Maximum

D. Electrical Properties

- (For Engineering purposes only)
- 1) Voltage Rating 300 V_{RMS}
- 2) Inductance 0.22 μH/ft, Nominal
- 3) Mutual Capacitance 21 pf/ft @1 kHz, Nominal
- 4) Ground Capacitance 38 pf/ft @1 kHz, Nominal
- 5) Conductor DCR 66 Ω/1000ft @20°C, Nominal
- 6) OA Shield DCR 2.8 Ω/1000ft @20°C, Nominal

E. Other

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

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