

ALPHA WIRE COMPANY
CUSTOMER PRODUCT SPECIFICATION

Part Number: 5370C
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Issue: 10
Issue Date: 1/29/2008
Effective Date: 3/1/2008

A. Construction

Diameters (In)

- 1) Component 1 10 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	Cond	Color
1	BLACK	5	ORANGE	9	VIOLET
2	RED	6	BLUE	10	SLATE
3	WHITE	7	BROWN		
4	GREEN	8	YELLOW		

- 2) Cable Assembly 10 Components Cabled
 a) Twists: 2.8 Twists/foot (min)
 b) Core Wrap Nonwoven Polyester Tape, 25% Overlap, Min.
 3) Shield: Alum/Mylar Tape, 25% Overlap, Min.
 a) Foil Direction Foil Facing In
 b) Drain Wire 16 (19/.0117) AWG TC
 4) Jacket 0.032" Wall, Nom.,PVC 0.436 (0.452 Max.)
 a) Color(s) Slate, Black, Yellow, Orange, Blue, Green, Red, Sand Beige, White
 b) Ripcord 1 End 810 Denier Nylon
 c) Print ALPHA WIRE-* P/N 5370C 10C 16 AWG
 XTRAGUARD 1 XTREME PERFORMANCE FOR XTREME
 ENVIRONMENTS - SHIELDED 105C (UL) TYPE CM OR AWM
 2464 VW-1 --- LLXXXXXX CSA 105C TYPE CMG FT4
 CE ROHS <SEQ FOOTAGE>
 * = Factory Code

[Note: Product may have c(UL) or CSA markings depending upon plant of manufacture.]

B. Industry Approvals

- 1) UL
 a) Component 1 AWM/STYLE 1569 105°C / 300 VRMS
 b) Overall AWM/STYLE 2464 80°C / 300 VRMS
 CM 105°C
 VW-1
 2) CSA International CMG 105°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.
 5) CE: LVD 73/23/EEC Amendment 93/68/EEC

C. Physical & Mechanical Properties

- 1) Temperature Range -20 to 105°C
 2) Bend Radius 10X Cable Diameter
 3) Pull Tension 225 Lbs, Maximum
 4) Sunlight Resistance Yes

D. Electrical Properties

(For Engineering purposes only)

- 1) Voltage Rating 300 VRMS
 2) Capacitance 57 pf/ft @1 kHz, Nominal Conductor to Conductor
 3) Ground Capacitance 103 pf/ft @1 kHz, Nominal

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|------------------|-------------------------------------|
| 4) Inductance | 0.17 μ H/ft, Nominal |
| 5) Conductor DCR | 4.4 Ω /1000ft @20°C, Nominal |
| 6) OA Shield DCR | 3.8 Ω /1000ft @20°C, Nominal |

E. Other

- 1) Packaging
 - a) 1000 FT
 - b) 500 FT
 - c) 100 FT
 - d) Bulk(Made-to-order)

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