

ALPHA WIRE COMPANY
CUSTOMER PRODUCT SPECIFICATION

Part Number: 5226C
Page 1 of 1 Pages

Issue: 10
Issue Date: 1/29/2008
Effective Date: 3/1/2008

A. Construction

Diameters (In)

- | | | |
|----------------|-----------------------------------|-------|
| 1) Component 1 | 37 X 1 COND | |
| a) Conductor | 20 (7/28) AWG TC | |
| b) Insulation | 0.010" Wall, Nom. PVC, Semi Rigid | 0.058 |
| (1) Color Code | Alpha Wire Company Color Code E | |

Cond	Color	Cond	Color	Cond	Color
1	BLACK	14	WHITE/ORANGE	27	WHITE/BLACK/SLATE
2	BROWN	15	WHITE/YELLOW	28	WHITE/BROWN/RED
3	RED	16	WHITE/GREEN	29	WHITE/BROWN/ORANGE
4	ORANGE	17	WHITE/BLUE	30	WHITE/BROWN/YELLOW
5	YELLOW	18	WHITE/VIOLET	31	WHITE/BROWN/GREEN
6	GREEN	19	WHITE/SLATE	32	WHITE/BROWN/BLUE
7	BLUE	20	WHITE/BLACK/BROWN	33	WHITE/BROWN/VIOLET
8	VIOLET	21	WHITE/BLACK/RED	34	WHITE/BROWN/SLATE
9	SLATE	22	WHITE/BLACK/ORANGE	35	WHITE/RED/ORANGE
10	WHITE	23	WHITE/BLACK/YELLOW	36	WHITE/RED/YELLOW
11	WHITE/BLACK	24	WHITE/BLACK/GREEN	37	WHITE/RED/GREEN
12	WHITE/BROWN	25	WHITE/BLACK/BLUE		
13	WHITE/RED	26	WHITE/BLACK/VIOLET		

- | | | |
|-------------------|--|--------------------|
| 2) Cable Assembly | 37 Components Cabled | |
| a) Twists: | 2.5 Twists/foot (min) | |
| b) Core Wrap | Nonwoven Polyester Tape, 25% Overlap, Min. | |
| 3) Jacket | 0.063" Wall, Nom., PVC | 0.536 (0.561 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 5226C 37C 20 AWG
XTRAGUARD 1 XTREME PERFORMANCE FOR XTREME
ENVIRONMENTS - 105C (UL) TYPE CM OR AWM 2343 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 10002 | 105°C / 300 VRMS |
| b) Overall | AWM/STYLE 2343 | 80°C |
| | 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 | 323 Lbs, Maximum |
| 4) Sunlight Resistance | Yes |

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D. Electrical Properties

(For Engineering purposes only)

- | | |
|-------------------|---|
| 1) Voltage Rating | 300 VRMS |
| 2) Capacitance | 25 pf/ft @1 kHz, Nominal Conductor to Conductor |
| 3) Inductance | 0.17 μ H/ft, Nominal |
| 4) Conductor DCR | 10.4 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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