

ALPHA WIRE COMPANY

CUSTOMER PRODUCT SPECIFICATION

Part Number: 5261C
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Issue: 10
Issue Date: 1/29/2008
Effective Date: 3/1/2008

A. Construction

Diameters (In)

- | | | |
|----------------|-----------------------------------|-------|
| 1) Component 1 | 1 X 1 PAIR | |
| a) Conductor | 24 (7/32) AWG TC | |
| b) Insulation | 0.010" Wall, Nom. PVC, Semi Rigid | 0.044 |
| (1) Color Code | Alpha Wire Company Color Code B | |
-
- | Pair | Color | Pair | Color | Pair | Color |
|------|-------------|------|-------|------|-------|
| 1 | WHITE-BLACK | | | | |
-
- | | | |
|---------------|---|--------------------|
| c) Cabling | 2 COND Cabled | |
| (1) Twists: | 12.0 Twists/foot (min) | |
| (2) Core Wrap | Nonwoven Polyester Tape, 25% Overlap, Min. | |
| 2) Jacket | 0.032" Wall, Nom.,PVC | 0.156 (0.166 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 5261C 1PR 24 AWG | |
| | XTRAGUARD 1 XTREME PERFORMANCE FOR XTREME | |
| | ENVIRONMENTS - 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 10002 | 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 | 7 Lbs, Maximum |
| 4) Sunlight Resistance | Yes |

D. Electrical Properties

- | | |
|-----------------------|---------------------------------|
| | (For Engineering purposes only) |
| 1) Voltage Rating | 300 VRMS |
| 2) Mutual Capacitance | 21.8 pF/ft @1 kHz, Nominal |
| 3) Inductance | 0.19 µH/ft, Nominal |
| 4) Conductor DCR | 25 Ω/1000ft @20°C, Nominal |

E. Other

- | | |
|--------------|--|
| 1) Packaging | |
| a) 1000 FT | |
| b) 500 FT | |

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- c) 100 FT
- d) Bulk(Made-to-order)

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