

ALPHA WIRE COMPANY
CUSTOMER PRODUCT SPECIFICATION

Part Number: 5271C
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Issue: 4
Issue Date: 11/5/2003
Effective Date: 12/16/2003

A. Construction

Diameters

- | | | | |
|----|----------------|-----------------------------------|-------|
| 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 Color Code B | |
-
- | Pair | Color | Pair | Color | Pair | Color |
|------|-------------|------|-------|------|-------|
| 1 | WHITE-BLACK | | | | |
-
- | | | | |
|----|---------------|--|----------------|
| c) | Pair | 2/Cond Cabled Together | |
| | (1) Twists: | 9.6 Twists/foot (min) | |
| 2) | Core Wrap | 0.0010" Clear Mylar Tape, 25% Overlap, Min. | |
| 3) | Shield: | A/P/A Tape, 25% Overlap, Min. | |
| | a) Drain Wire | 24 (7/32) AWG TC | |
| | b) Braid | TC, 70% Coverage, Min. | |
| 4) | Jacket | 0.032" Wall, Nom., PVC | 0.183+/- 0.010 |
| | a) Color(s) | Gray, Black | |
| | b) Ripcord | 1 End 810 Denier Nylon | |
| | c) Print | ALPHA WIRE-* P/N 5271C 1PR 24 AWG
XTRA GUARD 1 SHIELDED 75C (UL) TYPE CM OR AWM 2464
--- LLXXXXXX CSA TYPE CMG FT4 CE | |

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

B. Industry Approvals

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|----|-------------------|-----------------------------------|--------------|
| 1) | UL | | |
| | a) Component 1 | AWM/STYLE10002 | 105°C / 300V |
| | b) Overall | AWM/STYLE2464 | 80°C / 300V |
| | | CM | 75°C / 300V |
| | | VW-1 | |
| 2) | CSA International | CMG | 60°C |
| | | FT4 | |
| 3) | CE | LVD 73/23/EEC Amendment 93/68/EEC | |

C. Physical & Mechanical Properties

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|----|-------------------|--------------------|
| 1) | Temperature Range | -20 to 80°C |
| 2) | Bend Radius | 10X Cable Diameter |

D. Electrical Properties

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|----|----------------|----------------------|
| 1) | Voltage Rating | 300 V _{RMS} |
|----|----------------|----------------------|

E. Other

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