

ALPHA WIRE COMPANY
CUSTOMER PRODUCT SPECIFICATION

Part Number: 5096C

Issue: 4

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Issue Date: 11/5/2003

Effective Date: 12/16/2003

A. Construction

Diameters

- | | | |
|----------------|-----------------------------------|-------|
| 1) Component 1 | 6 X 1 COND | |
| 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 E | |
-
- | Cond | Color | Cond | Color | Cond | Color |
|------|-------|------|--------|------|--------|
| 1 | BLACK | 3 | RED | 5 | YELLOW |
| 2 | BROWN | 4 | ORANGE | 6 | GREEN |
-
- | | | |
|-------------------|--|----------------|
| 2) Cable Assembly | 6 Components Bunch Cabled | |
| a) Twists: | 6.9 Twists/foot (min) | |
| b) Core Wrap | Clear Mylar Tape, 25% Overlap, Min. | |
| 3) Shield: | Alum/Mylar Tape, 25% Overlap, Min. | |
| a) Foil Direction | Foil Facing In | |
| b) Drain Wire | 24 (7/32) AWG TC | |
| 4) Jacket | 0.032" Wall, Nom., PVC | 0.204+/- 0.012 |
| a) Color(s) | Gray, Black | |
| b) Ripcord | 1 End 810 Denier Nylon | |
| c) Print | ALPHA WIRE-* P/N 5096C 6/C 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

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

E. Other

- | | |
|------------------------|--|
| 1) Packaging | |
| a) 1000 FT | |
| b) 500 FT | |
| c) 328 FT | |
| d) 100 FT | |
| e) Bulk(Made-to-order) | |