

ALPHA WIRE COMPANY
CUSTOMER PRODUCT SPECIFICATION

Part Number: 669293
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Issue: 1
Issue Date: 2/1/2008
Effective Date: 2/1/2008

A. Construction

Diameters

- | | | |
|----------------|-----------------------|-------|
| 1) Component 1 | 7 X 1 COND | |
| a) Conductor | 16 (26/30) AWG BC | |
| b) Insulation | 0.022" Wall, Nom. PVC | 0.104 |
| (1) Color(s) | | |

Cond	Color	Cond	Color	Cond	Color
1	WHITE/GREEN	4	RED/BLUE	7	BLUE
2	YELLOW/BLUE	5	BROWN		
3	SLATE/PINK	6	PINK		

- | | | |
|---------------------|--|----------------|
| 2) Cable Assembly | 7 Components Cabled | |
| a) Twists: | 3.2 Twists/foot (min) | |
| 3) Jacket | 0.035" Wall, Nom., PVC, Oil Resistant | 0.390+/- 0.020 |
| a) Color(s) | GRAY | |
| b) Jacket Separator | Tissue Tape, 25% Overlap, Min. | |
| c) Print | ALPHA WIRE-* P/N 669293 7C 16 AWG
XTRAGUARD FLEXIBLE CONTROL CABLE XTREME
PERFORMANCE FOR XTREME ENVIRONMENTS - RU AWM 2587
--- LLXXXXXX CSA AWM IA/B IIA/B FT1 90C 600V
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 | AWM/STYLE2587 | 90°C / 600V |
| 2) CSA International | AWM-I-A/B-II-A/B | 90°C / 600V |
| | FT1 | |
| 3) Other | VDE 0472, Section 803 Oil Test | |
| 4) 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. | |
| 5) California Proposition 65: | The outer surface materials used in the manufacture of this part meet the requirements of California Proposition 65. | |
| 6) CE: | LVD 73/23/EEC Amendment 93/68/EEC | |

C. Physical & Mechanical Properties

- | | |
|----------------------|---|
| 1) Temperature Range | -40 to 90°C(static), -5 to 90°C (dynamic) |
| 2) Bend Radius | 5X Cable Diameter(static), 5X Cable Diameter(dynamic) |
| 3) Pull Tension | 143 Lbs, Maximum |

D. Electrical Properties

- | | |
|-------------------|---|
| | (For Engineering purposes only) |
| 1) Voltage Rating | 600 V _{RMS} |
| 2) Capacitance | 33 pf/ft @1 kHz, Nominal Conductor to Conductor |
| 3) Inductance | 0.18 µH/ft, Nominal |
| 4) Conductor DCR | 4.1 Ω/1000ft @20°C, Nominal |

E. Other

- | | |
|--------------|------------------------|
| 1) Packaging | a) Bulk(Made-to-order) |
|--------------|------------------------|

This Design is custom, Made-To-Order & once accepted, the order is NON-CANCELLABLE & NON-RETURNABLE.

Accepted By:	Date:
Company:	Title:

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