

ALPHA WIRE COMPANY
CUSTOMER PRODUCT SPECIFICATION

Part Number: 65203
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Issue: 7
Issue Date: 2/7/2007
Effective Date: 2/16/2007

A. Construction

Diameters (In)

- | | | |
|----------------|---|-------|
| 1) Component 1 | 3 X 1 COND | |
| a) Conductor | 12 (65/30) AWG BC | |
| b) Insulation | 0.022" Wall, Nom. PVC | 0.137 |
| (1) Print | NUMBER ONLY UNDERLINED - ALTERNATE INVERTED | |
| (2) Color(s) | REPEAT AT 1 INCH SPACING(CTR. TO CTR.) | |

Cond	Color	Cond	Color	Cond	Color
1	BLACK #1	2	BLACK #2	3	YELLOW/GREEN

- | | | |
|---------------------|--|----------------|
| 2) Cable Assembly | 3 Components Cabled | |
| a) Twists: | 3.4 Twists/foot (min) | |
| 3) Jacket | 0.067" Wall, Nom.,PVC, Oil Resistant | 0.436+/- 0.019 |
| a) Color(s) | SLATE | |
| b) Jacket Separator | Tissue Tape, 25% Overlap, Min. | |
| c) Print | ALPHA WIRE-* P/N 65203 3C 12 AWG
XTRAGUARD FLEXIBLE CONTROL CABLE XTREME
PERFORMANCE FOR XTREME ENVIRONMENTS - RU AWM 2587
--- LLXXXXXX CSA AWM IIA/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/STYLE 2587 | 90°C / 600 VRMS |
| 2) CSA International | AWM I/II A/B | 90°C / 600 VRMS |
| | 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. Consult Alpha Wire's web site for compliance Date of Manufacture.

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|-------------------------------|--|--|
| 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 | 153 Lbs, Maximum |

D. Electrical Properties

- | | |
|---------------------------------|---|
| (For Engineering purposes only) | |
| 1) Voltage Rating | 600 VRMS |
| 2) Capacitance | 38 pf/ft @1 kHz, Nominal Conductor to Conductor |
| 3) Inductance | 0.16 µH/ft, Nominal |
| 4) Conductor DCR | 1.65 Ω/1000ft @20°C, Nominal |

E. Other

- | | |
|--------------|--|
| 1) Packaging | |
| a) 1000 FT | |
| b) 500 FT | |
| c) 100 FT | |

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