ALPHA WIRE COMPANY CUSTOMER PRODUCT SPECIFICATION

Part Number: 65802 Issue: 7

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A. Construction <u>Diameters (In)</u>

1) Component 1 2 X 1 COND

a) Conductor 18 (16/30) AWG BC

) Insulation 0.022" Wall, Nom. PVC 0.091 (1) Print NUMBER ONLY UNDERLINED - ALTERNATE INVERTED

REPEAT AT 1 INCH SPACING(CTR. TO CTR.)

(2) Color(s)

Cond	Color	Cond	Color	Cond	Color
1	BLACK #1	2	BLACK #2		

2) Cable Assembly 2 Components Cabled a) Twists: 6.0 Twists/foot (min)

3) Jacket 0.035" Wall, Nom.,PVC, Oil Resistant 0.258+/- 0.015

a) Color(s) SLATE

b) Jacket Separator Tissue Tape, 25% Overlap, Min.
c) Print ALPHA WIRE-* P/N 65802 2C 18 AWG

XTRAGUARD FLEXIBLE CONTROL CABLE XTREME

PERFORMANCE FOR XTREME ENVIRONMENTS - RU AWM 2587

LIVVVVV CCA ANAMIA/D HA/D FT4 OOC COOV

--- 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/STYLE 2587 90°C / 600 V_{RMS} 2) CSA International AWM I/II A/B 90°C / 600 V_{RMS}

FT1

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.

5) California Proposition 65: The outer s

The outer surface materials used in the manufacture of this part meet the

requirements of California Proposition 65. 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 25 Lbs, Maximum

D. Electrical Properties (For Engineering purposes only)

1) Voltage Rating 600 V_{RMS}

2) Capacitance 30 pf/ft @1 kHz, Nominal Conductor to Conductor

3) Inductance 0.19 µH/ft, Nominal

4) Conductor DCR 6.7 Ω/1000ft @20°C, Nominal

E. Other

1) Packaging a) 1000 FT

b) 500 FT

c) 100 FT

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