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Jameco Part Number 568827

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**ALPHA WIRE COMPANY**  
**CUSTOMER PRODUCT SPECIFICATION**

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Part Number: 5062C  
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Issue: 4  
Issue Date: 11/5/2003  
Effective Date: 12/16/2003

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**A. Construction**

**Diameters**

- 1) Component 1                      2 X 1 COND
  - a) Conductor                      18 (16/30) AWG TC
  - b) Insulation                      0.016" Wall, Nom. PVC
  - (1) Color Code                      Alpha Wire Color Code D

0.079

|      |       |      |       |      |       |
|------|-------|------|-------|------|-------|
| Cond | Color | Cond | Color | Cond | Color |
| 1    | BLACK | 2    | RED   |      |       |

- 2) Cable Assembly                      2 Components Bunch Cabled
  - a) Twists:                      5.3 Twists/foot (min)
  - b) Core Wrap                      Clear Mylar Tape, 25% Overlap, Min.
- 3) Jacket                      0.032" Wall, Nom., PVC
- a) Color(s)                      Gray, Black
- b) Ripcord                      1 End 810 Denier Nylon
- c) Print                      ALPHA WIRE-\* P/N 5062C 2/C 18 AWG

0.225+/- 0.010

XTRA GUARD 1 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**

- 1) UL
  - a) Component 1                      AWM/STYLE1569                      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**

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

**D. Electrical Properties**

- 1) Voltage Rating                      300 V<sub>RMS</sub>

**E. Other**

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