

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

Part Number: 669212  
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Issue: 1  
Issue Date: 4/14/2005  
Effective Date: 4/14/2005

**A. Construction**

Diameters

- 1) Component 1                    7 X 1 COND
  - a) Conductor                    16 (26/30) AWG BC
  - b) Insulation                    0.016" Wall, Nom. PVC/ 0.005" Wall NYLON                    0.102
    - (1) Print                    ALPHA NUMERIC NUMBERS - 1-ONE ALTERNATING AND INVERTED 2 INCH SPACING(CTR. TO CTR.)
    - (2) Color(s)

Cond	Color	Cond	Color	Cond	Color
1	BLACK # 1	4	BLACK # 4	7	GREEN/YELLOW
2	BLACK # 2	5	BLACK # 5		
3	BLACK # 3	6	BLACK # 6		

- 2) Cable Assembly                    7 Components Bunch Cabled
  - a) Twists:                    2.8 Twists/foot (min)
  - b) Core Wrap                    REMAY Tape, 25% Overlap, Min.
- 3) Jacket                    0.050" Wall, Nom., TPE                    0.423+/- 0.022
  - a) Color(s)                    BLACK
  - b) Print                    ALPHA WIRE-\* P/N 669212 7/C 16 AWG (1.32mm2)  
TFFN (UL) TYPE TC-ER 90C 600V  
OIL RES I/II SUN RES OR TYPE PLTC 90C OR TYPE MTW  
--- LLXXXXX CSA AWM IA/B IIA/B 90C 600V FT4  
CE (DATE CODE) (SEQ FOOTAGE)  
\* = Factory Code

*[Note: Product may have c(UL) or CSA markings depending upon plant of manufacture.]*

**B. Industry Approvals**

- 1) UL
  - a) Component 1                    TFFN                    90°C / 600V
  - b) Overall                    TC                    90°C / 600V
  - EXPOSED RUN
  - SUN RES
  - PLTC                    90°C
  - OIL RES I/II
  - MTW                    90°C / 600V
- 2) CSA International                    AWM-I-A/B-II-A/B                    90°C / 600V
- 3) CE:                    LVD 73/23/EEC Amendment 93/68/EEC

**C. Physical & Mechanical Properties**

- 1) Temperature Range                    -25 to 90°C
- 2) Bend Radius                    10X Cable Diameter

**D. Electrical Properties**

- 1) Voltage Rating                    600 V<sub>RMS</sub>

**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.**

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Accepted By:	Date:
Company:	Title:

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