

ALPHA WIRE COMPANY
CUSTOMER PRODUCT SPECIFICATION

Part Number: 7616/4
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Issue: 4
Issue Date: 10/8/2004
Effective Date: 12/3/2004

A. Construction

Diameters

- 1) Component 1 4 X 1 COND
 - a) Conductor 16 (7/.0192) AWG BC
 - b) Insulation 0.016" Wall, Nom. PVC/ 0.005" Wall NYLON 0.100
 - (1) Print ALPHA NUMERIC NUMBERS - 1-ONE ALTERNATING AND INVERTED 2 INCH SPACING(CTR. TO CTR.)
 - (2) Color Code Alpha Wire Color Code J1

Cond	Color	Cond	Color	Cond	Color
1	BLACK #1	3	BLUE #3		
2	RED #2	4	ORANGE #4		

- 2) Cable Assembly 4 Components Bunch Cabled
 - a) Twists: 3.4 Twists/foot (min)
- 3) Shield: Alum/Mylar Tape, 25% Overlap, Min.
 - a) Foil Direction Foil Facing In
 - b) Drain Wire 16 (7/.0192) AWG TC
- 4) Jacket 0.048" Wall, Nom., PVC 0.342+/- 0.017
 - a) Color(s) BLACK
 - b) Print ALPHA WIRE-* P/N 7616/4 4/C 16 AWG
(UL) TYPE TC 600V 90C DRY 75C WET SHIELDED
SUN. RES. DIR. BUR.
* = Factory Code

B. Industry Approvals

- 1) UL TC 90°C / 600V
SUN RES
DIRECT BURIAL

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_{RMS}

E. Other

- 1) Packaging
 - a) 1000 FT
 - b) Bulk(Made-to-order)