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Jameco Part Number 568851

ALPHA WIRE COMPANY
CUSTOMER PRODUCT SPECIFICATION

Part Number: 5100/25C
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Issue: 4
Issue Date: 11/5/2003
Effective Date: 12/16/2003

A. Construction

Diameters

- 1) Component 1 25 X 1 COND
a) Conductor 24 (7/32) AWG TC
b) Insulation 0.010" Wall, Nom. PVC, Semi Rigid 0.044
(1) Color Code Alpha Wire Color Code E

Cond	Color	Cond	Color	Cond	Color
1	BLACK	10	WHITE	19	WHITE/GRAY
2	BROWN	11	WHITE/BLACK	20	WHITE/BLACK/BROWN
3	RED	12	WHITE/BROWN	21	WHITE/BLACK/RED
4	ORANGE	13	WHITE/RED	22	WHITE/BLACK/ORANGE
5	YELLOW	14	WHITE/ORANGE	23	WHITE/BLACK/YELLOW
6	GREEN	15	WHITE/YELLOW	24	WHITE/BLACK/GREEN
7	BLUE	16	WHITE/GREEN	25	WHITE/BLACK/BLUE
8	VIOLET	17	WHITE/BLUE		
9	GRAY	18	WHITE/VIOLET		

- 2) Cable Assembly 25 Components Bunch Cabled
a) Twists: 3.2 Twists/foot (min)
b) Core Wrap Clear Mylar Tape, 25% Overlap, Min.
3) Shield: Alum/Mylar Tape, 25% Overlap, Min.
a) Foil Direction Foil Facing In
b) Drain Wire 24 (7/32) AWG TC
4) Jacket 0.032" Wall, Nom., PVC 0.335+/- 0.019
a) Color(s) Gray, Black
b) Ripcord 1 End 810 Denier Nylon
c) Print ALPHA WIRE-* P/N 5100/25C 25/C 24 AWG

XTRA GUARD 1 SHIELDED 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/STYLE10002 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_{RMS}

E. Other

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