ALPHA WIRE COMPANY CUSTOMER PRODUCT SPECIFICATION

Part Number: 3470/25C Issue: 6

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

1) Component 1 25 X 1 COND a) Conductor 28 (7/36) AWG TC

b) Insulation 0.010" Wall, Nom. PVC, Semi Rigid 0.035

(1) Color Code Alpha Wire Company Color Code D

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

2) Cable Assembly 25 Components Cabled a) Twists: 4.0 Twists/foot (min)

3) Shield: Alum/Mylar Tape, 25% Overlap, Min.

a) Foil Direction Foil Facing Out
b) Drain Wire 28 (7/36) AWG TC
c) Braid TC,65% Coverage, Min.

4) Jacket 0.035" Wall, Nom., PVC 0.312 (0.331 Max.)

a) Color(s) SLATE

b) Print ALPHA WIRE-* P/N 3470/25C 25C 28 AWG

SHIELDED 75C (UL) TYPE CL2 OR AWM 2464 ---LLXXXXXX CSA TYPE CMG FT4 ROHS

* = Factory Code

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

B. Industry Approvals

1) UL AWM/STYLE 2464 80°C / 300 V_{RMS}

CL2 75°C

VW-1

2) CSA International CMG 60°C

FT4

3) 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.

4) California Proposition 65: The outer surface materials used in the manufacture of this part meet the

requirements of California Proposition 65.

C. Physical & Mechanical Properties

1) Temperature Range -20 to 80°C

2) Bend Radius3) Pull Tension41 Lbs, Maximum

D. Electrical Properties (For Engineering purposes only)

Voltage Rating
 300 V_{RMS}

2) Capacitance 25 pf/ft @1 kHz, Nominal Conductor to Conductor

3) Ground Capacitance 45 pf/ft @1 kHz, Nominal 4) Inductance 0.22 µH/ft, Nominal 5) Conductor DCR 66 Q/100ft @20°C Nominal

5) Conductor DCR
 66 Ω/1000ft @20°C, Nominal
 6) OA Shield DCR
 3.7 Ω/1000ft @20°C, Nominal

E. Other

1) Packaging a) 1000 FT

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b) 100 FT

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