## ALPHA WIRE CUSTOMER PRODUCT SPECIFICATION

Part Number: 5475C Issue: 6

Page 1 of 1 Pages Issue Date: 7/16/2010 Effective Date: 7/16/2010

A. Construction Diameters (In)

1) Component 1 5 X 1 PAIR

 a) Conductor
 24 (7/32) AWG TC
 0.024

 b) Insulation
 0.010" Wall, Nom. PVC, Semi Rigid
 0.044

(1) Color Code Alpha Wire Color Code K

Pair	Color	Pair	Color	Pair	Color
1	BLACK-RED	3	BLACK-GREEN	5	BLACK-YELLOW
2	BLACK-WHITE	4	BLACK-BLUE		

c) Pair 2/Cond Cabled Together
(1) Twists: 9.6 Twists/foot (min)
2) Cable Assembly 5 Components Cabled
a) Twists: 4.4 Twists/foot (min)

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

a) Foil Direction Foil Facing In
b) Drain Wire 24 (7/32) AWG TC

Jacket 0.035" Wall, Nom.,PVC 0.270 (0.286 Max.)

a) Color(s) SLATE

b) Print ALPHA WIRE-\* P/N 5475C 5PR 24 AWG SHIELDED 75C (UL) TYPE CM OR AWM 2464

OR C(UL) 60C TYPE CMG FT4 ROHS

\* = Factory Code

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

B. Applicable Specifications

1) UL AWM/STYLE 2464 80°C / 300 V<sub>RMS</sub>

CM 75°C C(UL) TYPE CMG 60°C

FŤ4

C. Environmental Approvals

2) CSA International

1) 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.

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

requirements of California Proposition 65.

D. Physical & Mechanical Properties

1) Temperature Range -20 to 80°C

2) Bend Radius3) Pull Tension10X Cable Diameter39 Lbs, Maximum

E. Electrical Properties (For Engineering purposes only)

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

2) Mutual Capacitance
 25 pf/ft @1 kHz, Nominal
 3) Ground Capacitance
 45 pf/ft @1 kHz, Nominal

4) Characteristic Impedance 76  $\Omega$ 

5) Inductance 0.19 µH/ft, Nominal

6) Conductor DCR 26  $\Omega/1000$ ft @20°C, Nominal 7) OA Shield DCR 26  $\Omega/1000$ ft @20°C, Nominal

F. Other

1) Packaging a) 1000 FT
b) 500 FT
c) 100 FT
d) 10 x 4 x 3.5
e) 100 FT
f) 10 x 4 x 3.5
f) 2 x 12 x 3.5
f) 2 x 12 x 3.5
f) 2 x 6 x 3.5
f) 3 x 6 x 3.5
f) 4 x 6 x 3.5
f) 5 x 6 x 3.5
f) 6 x 6 x 3.5
f) 7 x 6 x 3.5
f) 8 x 6 x 3.5
f) 9 x 6 x 3.5
f) 10 x 6 x 3.5
f)

d) Bulk(Made-to-order)

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Page 2 of 2 Pages Issue Date: 7/16/2010

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[Spool dimensions may vary slightly]

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