

ALPHA WIRE COMPANY
CUSTOMER PRODUCT SPECIFICATION

Part Number: 6056C
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Issue: 6
Issue Date: 5/23/2005
Effective Date: 8/1/2005

A. Construction

Diameters (In)

- 1) Component 1 6 X 1 PAIR
a) Conductor 22 (7/30) AWG TC
b) Insulation 0.016" Wall, Nom. PVC 0.062
(1) Color Code Alpha Wire Company Color Code A

Pair	Color	Pair	Color	Pair	Color
1	BLACK-RED	3	BLACK-GREEN	5	BLACK-BROWN
2	BLACK-WHITE	4	BLACK-BLUE	6	BLACK-YELLOW

- c) Pair 2/Cond Cabled Together
(1) Twists: 6.9 Twists/foot (min)
Individually Applied:
d) Shield: Foil Free Alum/Mylar Tape, 25% Overlap, Min.
(1) Foil Direction Foil Facing In
(2) Drain Wire 22 (7/30) AWG TC
2) Cable Assembly 6 Components Cabled
a) Twists: 2.4 Twists/foot (min)
b) Core Wrap Clear Mylar Tape, 25% Overlap, Min.
3) Jacket 0.053" Wall, Nom., PVC 0.451 (0.471 Max.)
a) Color(s) SLATE
b) Print ALPHA WIRE-* P/N 6056C 6PR 22 AWG
SHIELDED 75C (UL) TYPE CM 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}
CM 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 Radius 10X Cable Diameter
3) Pull Tension 99 Lbs, Maximum

D. Electrical Properties

- (For Engineering purposes only)
1) Voltage Rating 300 V_{RMS}
2) Mutual Capacitance 43 pf/ft @1 kHz, Nominal
3) Ground Capacitance 77 pf/ft @1 kHz, Nominal
4) Characteristic Impedance 53 Ω
5) Inductance 0.2 μH/ft, Nominal
6) Conductor DCR 16.6 Ω/1000ft @20°C, Nominal
7) Component Shield DCR 13.8 Ω/1000ft @20°C, Nominal

E. Other

- 1) Packaging
a) 1000 FT
b) 500 FT

Although Alpha Wire Company ("Alpha") makes every reasonable effort to ensure their accuracy at the time of publication, information and specifications described herein are subject to errors or omissions and to changes without notice, and the listing of such information and specifications does not ensure product availability.

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c) 100 FT

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