

ALPHA WIRE COMPANY
CUSTOMER PRODUCT SPECIFICATION

Part Number: 3470/15C
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Issue: 6
Issue Date: 5/20/2005
Effective Date: 8/1/2005

A. Construction

Diameters

- 1) Component 1 15 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 Color Code D

Cond	Color	Cond	Color	Cond	Color
1	BLACK	6	BLUE	11	PINK
2	RED	7	BROWN	12	TAN
3	WHITE	8	YELLOW	13	RED/GREEN
4	GREEN	9	VIOLET	14	RED/YELLOW
5	ORANGE	10	GRAY	15	RED/BLACK

- 2) Cable Assembly 15 Components Cabled
a) Twists: 4.8 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 0.267 (0.283 Max.)
a) Color(s) GRAY
b) Print ALPHA WIRE-* P/N 3470/15C 15/C 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/STYLE2464 80°C / 300V
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 Radius 10X Cable Diameter
3) Pull Tension 26 Lbs, Maximum

D. Electrical Properties

- (For Engineering purposes only)
1) 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 Ω/1000ft @20°C, Nominal
6) OA Shield DCR 4.4 Ω/1000ft @20°C, Nominal

E. Other

- 1) Packaging

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- a) 1000 FT
- b) 500 FT
- c) 100 FT

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