

ALPHA WIRE COMPANY
CUSTOMER PRODUCT SPECIFICATION

Part Number: 57015
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Issue: 3
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A. Construction

Diameters

- 1) Component 1 15 X 1 COND
 - a) Conductor 24 (7/32) AWG BC
 - b) Insulation 0.008" Wall, Nom. PVC, Plenum Rated 0.040
 - (1) Color Code Alpha Wire Color Code D2

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

- 2) Cable Assembly 15 Components Cabled
 - a) Twists: 3.7 Twists/foot (min)
- 3) Shield: Alum/Mylar Tape, 25% Overlap, Min.
 - a) Foil Direction Foil Facing Out
 - b) Drain Wire 24 (7/32) AWG TC
- 4) Jacket 0.015" Wall, Nom.,PVC, Plenum Rated 0.217 (0.230 Max.)
 - a) Color(s) GRAY
 - b) Print ALPHA WIRE-* P/N 57015 15/C 24 AWG
SHIELDED (UL) TYPE CL2P --- LLXXXXXX CSA TYPE CMP
FT6 ROHS

* = Factory Code

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

B. Industry Approvals

- 1) UL CL2P 60°C
- 2) CSA International CMP 60°C
FT6
- 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 60°C
- 2) Bend Radius 10X Cable Diameter
- 3) Pull Tension 56 Lbs, Maximum

D. Electrical Properties

(For Engineering purposes only)

- 1) Voltage Rating 150 V_{RMS}
- 2) Capacitance 46 pf/ft @1 kHz, Nominal Conductor to Conductor
- 3) Ground Capacitance 83 pf/ft @1 kHz, Nominal
- 4) Inductance 0.18 µH/ft, Nominal
- 5) Conductor DCR 23.8 Ω/1000ft @20°C, Nominal
- 6) OA Shield DCR 15.9 Ω/1000ft @20°C, Nominal

E. Other

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

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