

ALPHA WIRE COMPANY
CUSTOMER PRODUCT SPECIFICATION

Part Number: 58120/15
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Issue: 6
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A. Construction

Diameters (In)

- 1) Component 1 15 X 1 COND
- a) Conductor 22 (7/30) AWG BC
- b) Insulation 0.008" Wall, Nom. PVC, Plenum Rated 0.046
- (1) Color Code Alpha Wire Company 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	SLATE	15	WHITE/GREEN

- 2) Cable Assembly 15 Components Cabled
- a) Twists: 3.0 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 0.245 (0.259 Max.)
- a) Color(s) SLATE
- b) Print ALPHA WIRE-* P/N 58120/15 15C 22 AWG
SHIELDED 75C CMP(UL) C(UL) OR 75C (UL) CL2P ROHS
* = Factory Code

B. Industry Approvals

- 1) UL CL2P 75°C
CMP 75°C
- 2) CSA International FT6
C(UL) TYPE CMP 75°C
- 3) Other REACH Regulation (EC 1907/2006)
- 4) 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.
- 5) 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 75°C
- 2) Bend Radius 10X Cable Diameter
- 3) Pull Tension 86 Lbs, Maximum

D. Electrical Properties

- 1) Voltage Rating 300 V_{RMS}
- 2) Capacitance 51 pf/ft @1 kHz, Nominal Conductor to Conductor
- 3) Ground Capacitance 92 pf/ft @1 kHz, Nominal
- 4) Inductance 0.17 µH/ft, Nominal
- 5) Conductor DCR 15.2 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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