

ALPHA WIRE COMPANY
CUSTOMER PRODUCT SPECIFICATION

Part Number: 57003
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Issue: 3
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A. Construction

Diameters

- | | | | |
|----|----------------|-------------------------------------|-------|
| 1) | Component 1 | 3 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	2	WHITE	3	RED

- | | | | |
|----|-------------------|--|--------------------|
| 2) | Cable Assembly | 3 Components Cabled | |
| | a) Twists: | 6.9 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 | 0.120 (0.128 Max.) |
| | a) Color(s) | GRAY | |
| | b) Print | ALPHA WIRE-* P/N 57003 3/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
FT6 | 60°C |
| 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 | 14.1 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 | 23.7 Ω/1000ft @20°C, Nominal |
| 6) | OA Shield DCR | 20.7 Ω/1000ft @20°C, Nominal |

E. Other

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

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