

ALPHA WIRE COMPANY
CUSTOMER PRODUCT SPECIFICATION

Part Number: 57010
Page 1 of 1 Pages

Issue: 3
Issue Date: 5/26/2005
Effective Date: 8/1/2005

A. Construction

Diameters

- | | | | |
|----|----------------|-------------------------------------|-------|
| 1) | Component 1 | 10 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	5	BROWN	9	VIOLET
2	WHITE	6	BLUE	10	GRAY
3	RED	7	ORANGE		
4	GREEN	8	YELLOW		

- | | | | |
|----|-------------------|---|--------------------|
| 2) | Cable Assembly | 10 Components Cabled | |
| | a) Twists: | 4.0 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 | 0.194 (0.206 Max.) |
| | a) Color(s) | GRAY | |
| | b) Print | ALPHA WIRE-* P/N 57010 10/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

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|----|-------------------|--------------------|
| 1) | Temperature Range | -20 to 60°C |
| | 2) Bend Radius | 10X Cable Diameter |
| | 3) Pull Tension | 39 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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