

ALPHA WIRE COMPANY
CUSTOMER PRODUCT SPECIFICATION

Part Number: 58124

Issue: 5

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Issue Date: 5/26/2005

Effective Date: 8/1/2005

A. Construction

Diameters

- | | | | |
|----|----------------|-------------------------------------|-------|
| 1) | Component 1 | 4 X 1 COND | |
| | a) Conductor | 20 (7/.0121) AWG BC | |
| | b) Insulation | 0.008" Wall, Nom. PVC, Plenum Rated | 0.052 |
| | (1) Color Code | Alpha Wire Color Code D2 | |

Cond	Color	Cond	Color	Cond	Color
1	BLACK	3	RED		
2	WHITE	4	GREEN		

- | | | | |
|----|-------------------|--|--------------------|
| 2) | Cable Assembly | 4 Components Cabled | |
| | a) Twists: | 6.0 Twists/foot (min) | |
| 3) | Shield: | Alum/Mylar Tape, 25% Overlap, Min. | |
| | a) Foil Direction | Foil Facing Out | |
| | b) Drain Wire | 22 (7/30) AWG TC | |
| 4) | Jacket | 0.015" Wall, Nom.,PVC, Plenum Rated | 0.160 (0.168 Max.) |
| | a) Color(s) | GRAY | |
| | b) Print | ALPHA WIRE-* P/N 58124 4/C 20 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 | 38 Lbs, Maximum |

D. Electrical Properties

(For Engineering purposes only)

- | | | |
|----|--------------------|---|
| 1) | Voltage Rating | 150 V _{RMS} |
| 2) | Capacitance | 55 pf/ft @1 kHz, Nominal Conductor to Conductor |
| 3) | Ground Capacitance | 99 pf/ft @1 kHz, Nominal |
| 4) | Inductance | 0.16 µH/ft, Nominal |
| 5) | Conductor DCR | 10.5 Ω/1000ft @20°C, Nominal |
| 6) | OA Shield DCR | 11.7 Ω/1000ft @20°C, Nominal |

E. Other

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

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