

**ALPHA WIRE COMPANY**  
**CUSTOMER PRODUCT SPECIFICATION**

**Part Number: 1174L**  
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**Issue: 1**  
**Issue Date: 1/5/2009**  
**Effective Date: 1/5/2009**

**A. Construction**

**Diameters (In)**

- |    |                |   |       |
|----|----------------|---|-------|
| 1) | Component 1    | 4 X 1 COND                                      |       |
|    | a) Conductor   | 22 (7/30) AWG TC                                |       |
|    | b) Insulation  | 0.010" Wall, Nom. Low Smoke Zero Halogen (LSZH) | 0.049 |
|    | (1) Color Code | Alpha Wire Company Color Code D                 |       |

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

- |    |                |  |                    |
|----|----------------|--|--------------------|
| 2) | Cable Assembly | 4 Components Cabled  |                    |
|    | a) Twists:     | 6.9 Twists/foot (min)  |                    |
| 3) | Jacket         | 0.028" Wall, Nom., Low Smoke Zero Halogen (LSZH)   | 0.189 (0.200 Max.) |
|    | a) Color(s)    | SLATE  |                    |
|    | b) Print       | ALPHA WIRE-* P/N 1174L 4C 22 AWG<br>75C (UL) TYPE CM OR 75C C(UL) TYPE CMG<br>* = Factory Code |                    |

**B. Industry Approvals**

- |    |                                |                                 |      |
|----|--------------------------------|---------------------------------|------|
| 1) | UL                             | CM                              | 75°C |
| 2) | CSA International              | FT4                             |      |
|    |                                | C(UL) TYPE CMG                  | 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.

**C. Physical & Mechanical Properties**

- |    |                   |                    |
|----|-------------------|--------------------|
| 1) | Temperature Range | -20 to 75°C        |
| 2) | Bend Radius       | 10X Cable Diameter |
| 3) | Pull Tension      | 22 Lbs, Maximum    |

**D. Electrical Properties**

(For Engineering purposes only)

- |    |                |                              |
|----|----------------|------------------------------|
| 1) | Voltage Rating | 300 VRMS                     |
| 2) | Inductance     | 0.17 µH/ft, Nominal          |
| 3) | Conductor DCR  | 16.3 Ω/1000ft @20°C, Nominal |

**E. Other**

- |    |   |  |
|----|---|--|
| 1) | Packaging   |  |
|    | a) Bulk(Made-to-order)                                  |  |
| 2) | Notes:  |  |
|    | a) Flammability - Passes IEC 60332-1                    |  |
|    | b) Acid Gas Generation - Passes IEC 60754-1 and 60754-2 |  |
|    | c) Smoke Emission - Passes IEC 61034-2                  |  |

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