

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

**Part Number: 1807**  
**Page 1 of 1 Pages**

**Issue: 5**  
**Issue Date: 5/14/2007**  
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**A. Construction**

**Diameters**

- |                |   |                |
|----------------|---|----------------|
| 1) Component 1 | 1 X 1 HOOKUP  |                |
| a) Conductor   | 26 (SOLID) AWG SPC  |                |
| b) Insulation  | 0.0055" Wall, Nom. Tefzel(ETFE)                                       | 0.027+/- 0.002 |
| (1) Color(s)   | WHITE, BLACK, RED, GREEN, YELLOW, BLUE, BROWN<br>ORANGE, GRAY, VIOLET |                |

**B. Industry Approvals**

- |                                   |  |       |
|-----------------------------------|--|-------|
| 1) UL                             | AWM/STYLE1523  | 105°C |
| 2) 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. |       |
| 3) 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 | -70 to 150°C       |
| 2) Bend Radius       | 10X Cable Diameter |
| 3) Pull Tension      | 1.99 Lbs, Maximum  |

**D. Electrical Properties**

- |                   |                                 |
|-------------------|---------------------------------|
|                   | (For Engineering purposes only) |
| 1) Voltage Rating | NOT SPECIFIED                   |
| 2) Inductance     | 0.05 µH/ft, Nominal             |
| 3) Conductor DCR  | 41 Ω/1000ft @20°C, Nominal      |

**E. Other**

- |              |   |
|--------------|---|
| 1) Packaging |   |
| a) 1000 FT   |   |
| b) 100 FT    |   |
| 2) Notes:    |   |
| a)           | Due to the nature of this polymer, the insulation of this product does not meet Munsell color requirements. |

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