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

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Part Number: 3049  
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Issue: 6  
Issue Date: 4/21/2005  
Effective Date: 6/30/2005

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**A. Construction**

Diameters

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|----------------|---|----------------|
| 1) Component 1 | 1 X 1 HOOKUP  |                |
| a) Conductor   | 26 (7/34) AWG TC  |                |
| b) Insulation  | 0.016" Wall, Nom. PVC   | 0.051+/- 0.002 |
| (1) Color(s)   | WHITE, BLACK, RED, GREEN, YELLOW, BLUE, BROWN<br>ORANGE, GRAY, VIOLET |                |

**B. Industry Approvals**

- |                                   |               |              |
|-----------------------------------|---------------|--------------|
| 1) UL                             | AWM/STYLE1007 | 80°C / 300V  |
|                                   | AWM/STYLE1569 | 105°C / 300V |
| 2) CSA International              | TR-64         | 90°C / 300V  |
| 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 | -40 to 105°C       |
| 2) Bend Radius       | 10X Cable Diameter |
| 3) Pull Tension      | 2.18 Lbs, Maximum  |

**D. Electrical Properties**

(For Engineering purposes only)

- |                   |                            |
|-------------------|----------------------------|
| 1) Voltage Rating | 300 V <sub>RMS</sub>       |
| 2) Inductance     | 0.08 µH/ft, Nominal        |
| 3) Conductor DCR  | 41 Ω/1000ft @20°C, Nominal |

**E. Other**

- |              |  |
|--------------|--|
| 1) Packaging |  |
| a) 5000 FT   |  |
| b) 1000 FT   |  |
| c) 100 FT    |  |

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