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

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Part Number: 7053

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Issue: 5

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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  | 0.010" Wall, Nom. PVC, Irradiated                                     | 0.039+/- 0.002 |
| (1) Color(s)   | WHITE, BLACK, RED, GREEN, YELLOW, BLUE, BROWN<br>ORANGE, GRAY, VIOLET |                |

**B. Industry Approvals**

- |                                   |                     |              |
|-----------------------------------|---------------------|--------------|
| 1) UL                             | AWM/STYLE1429       | 80°C / 150V  |
| 2) CSA International              | AWM-I-A/B<br>FT1    | 80°C / 150V  |
| 3) Military                       | MIL-W-16878E TYPE B | 105°C / 600V |
| 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.

- 5) 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 | -55 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 | 150 V <sub>RMS</sub>            |
| 2) Inductance     | 0.06 µH/ft, Nominal             |
| 3) Conductor DCR  | 41 Ω/1000ft @20°C, Nominal      |

**E. Other**

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

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