

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

**Part Number: 6713**  
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**Issue: 1**  
**Issue Date: 8/18/2009**  
**Effective Date: 8/18/2009**

- |   |  | <u>Diameters (In)</u>        |
|---|--|------------------------------|
| <b>A. Construction</b>  |  |                              |
| 1) Component 1  | 1 X 1 HOOKUP   |                              |
| a) Conductor  | 22 (7/30) AWG TC   | 0.030                        |
| b) Insulation   | 0.0095" Wall, Nom. Modified Polyphenylether  | 0.049+/- 0.002               |
| (1) Print   | 22 AWG<br>E20042-* (UR) AWM 11028 105C 600V VW-1<br>CRU AWM I A/B 105C 600V FT1 ROHS   |                              |
| (2) Color(s)  | WHITE, BLACK, RED, GREEN, YELLOW, BLUE, BROWN<br>ORANGE, SLATE, VIOLET, YELLOW/GREEN   |                              |
| <b>B. Industry Approvals</b>                                    |  |                              |
| 1) UL   | AWM/STYLE 11028  | 105°C / 600 V <sub>RMS</sub> |
| 2) CSA International  | C(RU) AWM I A/B FT1  | 105°C / 600 V <sub>RMS</sub> |
| 3) Other  | Halogen-Free   |                              |
| <b>C. Environmental Approvals</b>                               |  |                              |
| 1) 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. |                              |
| 2) REACH Regulation (EC 1907/2006):                             | This product does not contain any of the 16 substances listed on the European Union's REACH Substance of Very High Concern (SVHC) candidate list in excess of 0.1% mass of the item.   |                              |
| <b>D. Physical &amp; Mechanical Properties</b>                  |  |                              |
| 1) Temperature Range  | -40 to 105°C   |                              |
| 2) Bend Radius  | 10X Cable Diameter   |                              |
| 3) Pull Tension   | 5.5 Lbs, Maximum   |                              |
| <b>E. Electrical Properties</b> (For Engineering purposes only) |  |                              |
| 1) Voltage Rating   | 600 V <sub>RMS</sub>   |                              |
| 2) Inductance   | 0.04 µH/ft, Nominal  |                              |
| 3) Conductor DCR  | 16.2 Ω/1000ft @20°C, Nominal   |                              |
| <b>F. Other</b>   |  |                              |
| 1) Packaging  |  |                              |
| a) 1000 FT  |  |                              |
| b) 100 FT   |  |                              |

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