

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

**Part Number: 6717**  
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**Issue: 1**  
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- | <b>A. Construction</b>                                          |                                                                                                                                                                                                                                                                              | <b>Diameters (In)</b>        |
|-----------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|
| 1) Component 1                                                  | 1 X 1 HOOKUP                                                                                                                                                                                                                                                                 |                              |
| a) Conductor                                                    | 14 (41/30) AWG TC                                                                                                                                                                                                                                                            | 0.074                        |
| b) Insulation                                                   | 0.011" Wall, Nom. Modified Polyphenylether                                                                                                                                                                                                                                   | 0.096+/- 0.002               |
| (1) Print                                                       | 14 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                                                 | 32 Lbs, Maximum                                                                                                                                                                                                                                                              |                              |
| <b>E. Electrical Properties</b> (For Engineering purposes only) |                                                                                                                                                                                                                                                                              |                              |
| 1) Voltage Rating                                               | 600 V <sub>RMS</sub>                                                                                                                                                                                                                                                         |                              |
| 2) Inductance                                                   | 0.03 µH/ft, Nominal                                                                                                                                                                                                                                                          |                              |
| 3) Conductor DCR                                                | 2.8 Ω/1000ft @20°C, Nominal                                                                                                                                                                                                                                                  |                              |
| <b>F. Other</b>                                                 |                                                                                                                                                                                                                                                                              |                              |
| 1) Packaging                                                    |                                                                                                                                                                                                                                                                              |                              |
| a) 1000 FT                                                      |                                                                                                                                                                                                                                                                              |                              |
| b) 100 FT                                                       |                                                                                                                                                                                                                                                                              |                              |

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