

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

**Part Number: 2922**  
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**Issue: 2**  
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- | <b>A. Construction</b>  |   | <u><b>Diameters (In)</b></u> |
|---|---|------------------------------|
| 1) Component 1  | 1 X 1 HOOKUP  |                              |
| a) Conductor  | 22 (19/34) AWG 10% Nickel Plated Copper   | 0.030                        |
| b) Insulation   | 0.0055" Wall, Nom. ECA Fluoropolymer  | 0.041+/- 0.002               |
| (1) Tint Color  | WHITE, BLACK, RED, GREEN, YELLOW, BLUE, BROWN<br>ORANGE, SLATE, VIOLET  |                              |
| <br><b>B. Applicable Specifications</b>                         |   |                              |
| 1) UL   | AWM/STYLE 11540                      300°C / 600 V <sub>RMS</sub><br>80C OIL<br>GAS RES<br>Horizontal Flame   |                              |
| 2) Other  | Sunlight Resistant<br>Chemical Resistant<br>Water Resistant   |                              |
| 3) CE:  | EU Low Voltage Directive 2014/35/EC   |                              |
| <br><b>C. Environmental Compliance</b>                          |   |                              |
| 1) RoHS Directive (2011/65/EU):                                 | All materials used in the manufacture of this part meet the requirements of European Directive 2011/65/EU regarding the restriction of use of certain hazardous substances in electrical and electronic equipment. No Exemptions are required for RoHS Compliance on this item. Consult Alpha Wire's web site for <a href="#">RoHS C of C</a> . |                              |
| 2) REACH Regulation (EC 1907/2006):                             | This product does not contain Substances of Very High Concern (SVHC) listed on the European Union's REACH candidate list in excess of 0.1% mass of the item. For up-to-date information, please see <a href="#">Alpha's REACH SVHC Declaration</a> .  |                              |
| 3) California Proposition 65:                                   | The outer surface materials used in the manufacture of this part meet the requirements of California Proposition 65.  |                              |
| <br><b>D. Physical &amp; Mechanical Properties</b>              |   |                              |
| 1) Temperature Range  | -150 to 300°C   |                              |
| 2) Bend Radius  | 10X Cable Diameter  |                              |
| 3) Pull Tension   | 5.9 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  | 15.9 Ω/1000ft @20°C, Nominal  |                              |
| <br><b>F. Other</b>   |   |                              |
| 1) Packaging  | Flange x Traverse x Barrel (inches)   |                              |
| a) 1000 FT  | 6.5 x 2 x 1.9 Continuous length   |                              |
| b) 100 FT   | 2.75 x 1 x 1.125 Continuous length<br><i>[Spool dimensions may vary slightly]</i>   |                              |
| 2) Notes:   |   |                              |
| a)  | Certain colors and put-up combinations may only be available by special order, minimums may apply.  |                              |

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