

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

**Part Number: 2916**  
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**Issue: 2**  
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- | <b>A. Construction</b>   | <b>Diameters (In)</b>   |
|--|---|
| 1) Component 1   | 1 X 1 HOOKUP  |
| a) Conductor   | 16 (19/.0117) AWG 10% Nickel Plated Copper  |
| b) Insulation  | 0.0055" Wall, Nom. ECA Fluoropolymer  |
| (1) Tint Color   | WHITE, BLACK, RED, GREEN, YELLOW, BLUE, BROWN<br>ORANGE, SLATE, VIOLET  |
| <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   |
| <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.  |
| <b>D. Physical &amp; Mechanical Properties</b>                     |   |
| 1) Temperature Range   | -150 to 300°C   |
| 2) Bend Radius   | 10X Cable Diameter  |
| 3) Pull Tension  | 20.4 Lbs, Maximum   |
| <b>E. Electrical Properties</b><br>(For Engineering purposes only) |   |
| 1) Voltage Rating  | 600 V <sub>RMS</sub>  |
| 2) Inductance  | 0.03 µH/ft, Nominal   |
| 3) Conductor DCR   | 4.6 Ω/1000ft @20°C, Nominal   |
| <b>F. Other</b>  |   |
| 1) Packaging   | Flange x Traverse x Barrel (inches)   |
| a) 1000 FT   | 6.5 x 4 x 2.5 Continuous length   |
| b) 100 FT  | 2.75 x 2 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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