

ALPHA WIRE
CUSTOMER PRODUCT SPECIFICATION

Part Number: 2918
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Issue: 2
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- | A. Construction | | <u>Diameters (In)</u> |
|---|---|------------------------------|
| 1) Component 1 | 1 X 1 HOOKUP | |
| a) Conductor | 18 (19/30) AWG 10% Nickel Plated Copper | 0.047 |
| b) Insulation | 0.0055" Wall, Nom. ECA Fluoropolymer | 0.058+/- 0.002 |
| (1) Tint Color | WHITE, BLACK, RED, GREEN, YELLOW, BLUE, BROWN
ORANGE, SLATE, VIOLET | |
|
B. Applicable Specifications | | |
| 1) UL | AWM/STYLE 11540 300°C / 600 V _{RMS}
80C OIL
GAS RES
Horizontal Flame | |
| 2) Other | Sunlight Resistant
Chemical Resistant
Water Resistant | |
| 3) CE: | EU Low Voltage Directive 2014/35/EC | |
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C. Environmental Compliance | | |
| 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 RoHS C of C . | |
| 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 Alpha's REACH SVHC Declaration . | |
| 3) California Proposition 65: | The outer surface materials used in the manufacture of this part meet the requirements of California Proposition 65. | |
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D. Physical & Mechanical Properties | | |
| 1) Temperature Range | -150 to 300°C | |
| 2) Bend Radius | 10X Cable Diameter | |
| 3) Pull Tension | 14.9 Lbs, Maximum | |
| E. Electrical Properties (For Engineering purposes only) | | |
| 1) Voltage Rating | 600 V _{RMS} | |
| 2) Inductance | 0.03 µH/ft, Nominal | |
| 3) Conductor DCR | 6.3 Ω/1000ft @20°C, Nominal | |
|
F. Other | | |
| 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 2 x 1.125 Continuous length
<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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