

ALPHA WIRE COMPANY
CUSTOMER PRODUCT SPECIFICATION

Part Number: 5951
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Issue: 5
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A. Construction

Diameters

- | | | |
|----------------|---|----------------|
| 1) Component 1 | 1 X 1 HOOKUP | |
| a) Conductor | 30 (SOLID) AWG SPC | |
| b) Insulation | 0.0045" Wall, Nom. Kynar(PVDF) | 0.020+/- 0.002 |
| (1) Color(s) | WHITE, BLACK, RED, GREEN, YELLOW, BLUE, BROWN
ORANGE, GRAY, VIOLET | |

B. Industry Approvals

- | | | |
|-----------------------------------|--|-------|
| 1) UL | AWM/STYLE1423 | 105°C |
| 2) 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. | |
| 3) California Proposition 65: | The outer surface materials used in the manufacture of this part meet the requirements of California Proposition 65. | |

C. Physical & Mechanical Properties

- | | |
|----------------------|--------------------|
| 1) Temperature Range | -40 to 125°C |
| 2) Bend Radius | 10X Cable Diameter |
| 3) Pull Tension | 0.79 Lbs, Maximum |

D. Electrical Properties

- | | |
|---------------------------------|-----------------------------|
| (For Engineering purposes only) | |
| 1) Voltage Rating | NOT SPECIFIED |
| 2) Inductance | 0.06 µH/ft, Nominal |
| 3) Conductor DCR | 104 Ω/1000ft @20°C, Nominal |

E. Other

- | | |
|--|--|
| 1) Packaging | |
| a) 1000 FT | |
| 2) Notes: | |
| a) Due to the nature of this polymer, the insulation color does not meet Munsell color requirements. | |

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