

ALPHA WIRE COMPANY
CUSTOMER PRODUCT SPECIFICATION

Part Number: 5853
Page 1 of 1 Pages

Issue: 8
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A. Construction

Diameters

- | | | |
|----------------|---|----------------|
| 1) Component 1 | 1 X 1 HOOKUP | |
| a) Conductor | 26 (7/34) AWG SPC | |
| b) Insulation | 0.010" Wall, Nom. (PTFE) | 0.039+/- 0.004 |
| (1) Color(s) | WHITE, BLACK, RED, GREEN, YELLOW, BLUE, BROWN
ORANGE, GRAY, VIOLET, WHITE/BLACK, WHITE/RED
WHITE/GREEN, WHITE/YELLOW, WHITE/BLUE
WHITE/BROWN, WHITE/VIOLET, WHITE/ORANGE
GREEN/YELLOW | |

B. Industry Approvals

- | | | |
|-----------------------------------|--|--------------|
| 1) UL | AWM/STYLE1213 | 105°C |
| 2) Military | MIL-W-16878E Type E | 200°C / 600V |
| 3) Other | NEMA HP3-EXBDB | |
| 4) 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. | |
| 5) 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 | -60 to 200°C |
| 2) Bend Radius | 10X Cable Diameter |
| 3) Pull Tension | 2.18 Lbs, Maximum |

D. Electrical Properties

- | | |
|---------------------------------|----------------------------|
| (For Engineering purposes only) | |
| 1) Voltage Rating | 600 V _{RMS} |
| 2) Inductance | 0.06 µH/ft, Nominal |
| 3) Conductor DCR | 38 Ω/1000ft @20°C, Nominal |

E. Other

- | | |
|---|--|
| 1) Packaging | |
| a) 1000 FT | |
| b) 100 FT | |
| 2) Notes: | |
| a) Certain of the colors shown above are available only on a special order basis. Contact Alpha Sales Service for availability. | |

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