
ALPHA WIRE COMPANY
CUSTOMER PRODUCT SPECIFICATION

Part Number: 1851
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Issue: 6
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A. Construction

Diameters

- | | | |
|----------------|--|----------------|
| 1) Component 1 | 1 X 1 HOOKUP | |
| a) Conductor | 30 (7/38) AWG TC | |
| b) Insulation | 0.010" Wall, Nom. PVC | 0.032+/- 0.002 |
| (1) Color(s) | WHITE, BLACK, RED, GREEN, YELLOW, BLUE | |

B. Industry Approvals

- | | | |
|-------------|-------------------|--------------|
| 1) Military | MIL-W-76B TYPE LW | 90°C / 300V |
| | MIL-W-16878E/1 | 105°C / 600V |
- 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 | -55 to 105°C |
| 2) Bend Radius | 10X Cable Diameter |
| 3) Pull Tension | 0.88 Lbs, Maximum |

D. Electrical Properties

- (For Engineering purposes only)
- | | |
|-------------------|-----------------------------|
| 1) Voltage Rating | 600 V _{RMS} |
| 2) Inductance | 0.07 μH/ft, Nominal |
| 3) Conductor DCR | 101 Ω/1000ft @20°C, Nominal |

E. Other

- | | |
|--------------|--|
| 1) Packaging | |
| a) 1000 FT | |
| b) 100 FT | |

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