
ALPHA WIRE COMPANY
CUSTOMER PRODUCT SPECIFICATION

Part Number: 1857
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Issue: 6
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A. Construction

Diameters

- | | | |
|----------------|---|----------------|
| 1) Component 1 | 1 X 1 HOOKUP | |
| a) Conductor | 18 (7/26) AWG TC | |
| b) Insulation | 0.010" Wall, Nom. PVC | 0.068+/- 0.002 |
| (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/ORANGE, WHITE/GRAY
WHITE/VIOLET | |

B. Industry Approvals

- | | | |
|-----------------------------------|--|--------------|
| 1) Military | 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 | 13.9 Lbs, Maximum |

D. Electrical Properties

- | | |
|-------------------|---------------------------------|
| | (For Engineering purposes only) |
| 1) Voltage Rating | 600 V _{RMS} |
| 2) Inductance | 0.04 µH/ft, Nominal |
| 3) Conductor DCR | 6.3 Ω/1000ft @20°C, Nominal |

E. Other

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

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