
ALPHA WIRE COMPANY
CUSTOMER PRODUCT SPECIFICATION

Part Number: 1653
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Issue: 5
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A. Construction

Diameters

- | | | |
|----------------|-----------------------|----------------|
| 1) Component 1 | 1 X 1 HOOKUP | |
| a) Conductor | 10 (105/30) AWG TC | |
| b) Insulation | 0.045" Wall, Nom. PVC | 0.210+/- 0.004 |
| (1) Color(s) | WHITE, BLACK, RED | |

B. Industry Approvals

- | | | |
|-----------------------------------|-------------------|-------------|
| 1) Military | MIL-W-76B TYPE HW | 80°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.

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|-------------------------------|--|--|
| 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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C. Physical & Mechanical Properties

- | | |
|----------------------|--------------------|
| 1) Temperature Range | -20 to 80°C |
| 2) Bend Radius | 10X Cable Diameter |
| 3) Pull Tension | 82 Lbs, Maximum |

D. Electrical Properties

(For Engineering purposes only)

- | | |
|-------------------|------------------------------|
| 1) Voltage Rating | 600 V _{RMS} |
| 2) Inductance | 0.05 µH/ft, Nominal |
| 3) Conductor DCR | 1.08 Ω/1000ft @20°C, Nominal |

E. Other

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

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