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**ALPHA WIRE COMPANY**  
**CUSTOMER PRODUCT SPECIFICATION**

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Part Number: 1563  
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Issue: 5  
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**A. Construction**

Diameters

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|----------------|--|----------------|
| 1) Component 1 | 1 X 1 HOOKUP                           |                |
| a) Conductor   | 20 (SOLID) AWG TC                      |                |
| b) Insulation  | 0.016" Wall, Nom. PVC                  | 0.064+/- 0.002 |
| (1) Color(s)   | WHITE, BLACK, RED, GREEN, YELLOW, BLUE |                |

**B. Industry Approvals**

- |                                   |                   |              |
|-----------------------------------|-------------------|--------------|
| 1) Military                       | MIL-W-76B TYPE MW | 80°C / 1000V |
| 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**

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|----------------------|--------------------|
| 1) Temperature Range | -40 to 80°C        |
| 2) Bend Radius       | 10X Cable Diameter |
| 3) Pull Tension      | 8 Lbs, Maximum     |

**D. Electrical Properties**

(For Engineering purposes only)

- |                   |                              |
|-------------------|------------------------------|
| 1) Voltage Rating | 1000 V <sub>RMS</sub>        |
| 2) Inductance     | 0.06 µH/ft, Nominal          |
| 3) Conductor DCR  | 10.5 Ω/1000ft @20°C, Nominal |

**E. Other**

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

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