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

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Part Number: 3071

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Issue: 6

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**A. Construction**

**Diameters**

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|----------------|---|----------------|
| 1) Component 1 | 1 X 1 HOOKUP  |                |
| a) Conductor   | 22 (7/30) AWG TC  |                |
| b) Insulation  | 0.032" Wall, Nom. PVC   | 0.094+/- 0.004 |
| (1) Print      | EXXXXXX RU AWM STYLE 1015 105C 600V VW-1 22 AWG<br>LLXXXXXX CSA TEW 105C 600V FT1 ROHS            |                |
|                | <i>[Note: Product may have c(UL) or CSA markings depending upon plant of manufacture.]</i>        |                |
| (2) Color(s)   | WHITE, BLACK, RED, GREEN, YELLOW, BLUE, BROWN<br>ORANGE, GRAY, VIOLET, GREEN/YELLOW, YELLOW/GREEN |                |

**B. Industry Approvals**

- |                                   |               |              |
|-----------------------------------|---------------|--------------|
| 1) UL                             | AWM/STYLE1015 | 105°C / 600V |
| 2) CSA International              | TEW-105       | 105°C / 600V |
| 3) 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.

- 4) 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**

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|----------------------|--------------------|
| 1) Temperature Range | -20 to 105°C       |
| 2) Bend Radius       | 10X Cable Diameter |
| 3) Pull Tension      | 5.5 Lbs, Maximum   |

**D. Electrical Properties**

(For Engineering purposes only)

- |                   |                              |
|-------------------|------------------------------|
| 1) Voltage Rating | 600 V <sub>RMS</sub>         |
| 2) Inductance     | 0.08 µH/ft, Nominal          |
| 3) Conductor DCR  | 16.2 Ω/1000ft @20°C, Nominal |

**E. Other**

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

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