

ALPHA WIRE COMPANY
CUSTOMER PRODUCT SPECIFICATION

Part Number: 6718
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Issue: 1
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A. Construction

Diameters (In)

- | | | |
|----------------|---|----------------|
| 1) Component 1 | 1 X 1 HOOKUP | |
| a) Conductor | 12 (65/30) AWG TC | 0.093 |
| b) Insulation | 0.012" Wall, Nom. Modified Polyphenylether | 0.117+/- 0.002 |
| (1) Print | 12 AWG | |
| | E20042-* (UR) AWM 11028 105C 600V VW-1 | |
| | CRU AWM I A/B 105C 600V FT1 | ROHS |
| (2) Color(s) | WHITE, BLACK, RED, GREEN, YELLOW, BLUE, BROWN | |
| | ORANGE, SLATE, VIOLET, YELLOW/GREEN | |

B. Industry Approvals

- | | | |
|----------------------|---------------------|------------------------------|
| 1) UL | AWM/STYLE 11028 | 105°C / 600 V _{RMS} |
| 2) CSA International | C(RU) AWM I A/B FT1 | 105°C / 600 V _{RMS} |
| 3) Other | Halogen-Free | |

C. Environmental Approvals

- 1) 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.
- 2) REACH Regulation (EC 1907/2006):
This product does not contain any of the 16 substances listed on the European Union's REACH Substance of Very High Concern (SVHC) candidate list in excess of 0.1% mass of the item.

D. Physical & Mechanical Properties

- | | |
|----------------------|--------------------|
| 1) Temperature Range | -40 to 105°C |
| 2) Bend Radius | 10X Cable Diameter |
| 3) Pull Tension | 51 Lbs, Maximum |

E. Electrical Properties

(For Engineering purposes only)

- | | |
|-------------------|------------------------------|
| 1) Voltage Rating | 600 V _{RMS} |
| 2) Inductance | 0.03 µH/ft, Nominal |
| 3) Conductor DCR | 1.75 Ω/1000ft @20°C, Nominal |

F. Other

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

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