chanhvinh.com

# ALPHA WIRE COMPANY
## CUSTOMER PRODUCT SPECIFICATION

| | |
|---|---|
| **Part Number: 6713** | **Issue: 1** |
| **Page 1 of 1 Pages** | **Issue Date: 8/18/2009** |
| | **Effective Date: 8/18/2009** |

**A. Construction** — **Diameters (In)**

1) Component 1 — 1 X 1 HOOKUP
   - a) Conductor — 22 (7/30) AWG TC — 0.030
   - b) Insulation — 0.0095" Wall, Nom. Modified Polyphenilether — 0.049+/- 0.002
     - (1) Print — 22 AWG<br>E20042-* (UR) AWM 11028 105C 600V VW-1<br>CRU AWM I A/B 105C 600V FT1 ROHS
     - (2) Color(s) — WHITE, BLACK, RED, GREEN, YELLOW, BLUE, BROWN<br>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 | 5.5 Lbs, Maximum |

**E. Electrical Properties** (For Engineering purposes only)

| | |
|---|---|
| 1) Voltage Rating | 600 $V_{RMS}$ |
| 2) Inductance | 0.04 µH/ft, Nominal |
| 3) Conductor DCR | 16.2 Ω/1000ft @20°C, Nominal |

**F. Other**

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

Although Alpha Wire Company ("Alpha") makes every reasonable effort to ensure their accuracy at the time of publication, information and specifications described herein are subject to errors or omissions and to changes without notice, and the listing of such information and specifications does not ensure product availability.
Alpha provides the information and specifications herein on an "AS IS" basis, with no representations or warranties, whether express, statutory or implied. In no event will Alpha be liable for any damages (including consequential, indirect, incidental, special, punitive, or exemplary) whatsoever, even if Alpha has been advised of the possibility of such damages, whether in an action under contract, negligence or any other theory, arising out of or in connection with the use, or inability to use, the information or specifications described herein.

711 Lidgerwood Ave Elizabeth, NJ 07207-0711
Toll Free 1-800-52 ALPHA • T: 1-908-925-8000 • F: 908-925-5411 • Email: info@alphawire.com
www.alphawire.com