

ALPHA WIRE
CUSTOMER PRODUCT SPECIFICATION

Part Number: 6716
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Issue: 9
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- | A. Construction | Diameters (In) |
|--|---|
| 1) Component 1 | 1 X 1 HOOKUP |
| a) Conductor | 16 (26/30) AWG TC |
| b) Insulation | 0.011" Wall, Nom. Modified Polyphenylene Ether |
| (1) Print | ALPHA WIRE ECOWIRE TM 16 AWG E163869-DB
RU AWM 11028 105C 600V VW-1 --- CRU AWM I A/B
105C 600V FT1 CE ROHS |
| (2) Color(s) | WHITE, BLACK, RED, GREEN, YELLOW, BLUE, BROWN
ORANGE, SLATE, VIOLET, GREEN/YELLOW, DARK BLUE |
| B. Applicable Specifications | |
| 1) UL | AWM/STYLE 11028 105°C / 600 V _{RMS}
VW-1 |
| 2) CSA International | C(RU) AWM I A/B FT1 105°C / 600 V _{RMS} |
| 3) Other | Halogen-Free
IEC 60332-2 Flame Behavior |
| 4) CE: | EU Low Voltage Directive 2006/95/EC |
| C. Environmental Compliance | |
| 1) RoHS Directive (2011/65/EU): | All materials used in the manufacture of this part meet the requirements of European Directive 2011/65/EU regarding the restriction of use of certain hazardous substances in electrical and electronic equipment. No Exemptions are required for RoHS Compliance on this item. Consult Alpha Wire's web site for RoHS C of C . |
| 2) REACH Regulation (EC 1907/2006): | This product does not contain Substances of Very High Concern (SVHC) listed on the European Union's REACH candidate list in excess of 0.1% mass of the item. For up-to-date information, please see Alpha's REACH SVHC Declaration . |
| D. Physical & Mechanical Properties | |
| 1) Temperature Range | -40 to 105°C |
| 2) Bend Radius | 10X Cable Diameter |
| 3) Pull Tension | 20.4 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 | 4.4 Ω/1000ft @20°C, Nominal |
| F. Other | |
| 1) Packaging | Flange x Traverse x Barrel (inches) |
| a) 25000 DR | 23 x 30 x 0 Max. 2 separate pieces; Min length/piece 5000 FT. |
| b) 5000 FT | 12 x 6 x 3.5 Continuous length |
| c) 1000 FT | 9 x 4.5 x 3.5 Continuous length |
| d) 100 FT | 3.75 x 2 x 1.75 Continuous length
<i>[Spool dimensions may vary slightly]</i> |
| 2) Notes: | |
| a) | Certain colors and put-up combinations may only be available by special order, minimums may apply. |

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