

Customer Specification

PART NO. 6715

Construction

| | | Diameters (In) |
|----------------|-------------------------------------------------------------------------------------------------------------------|----------------|
| 1) Component 1 | 1 X 1 HOOKUP | |
| a) Conductor | 18 (16/30) AWG TC | 0.048 |
| b) Insulation | 0.0095" Wall, Nom. Modified Polyphenylene Ether | 0.067+/- 0.002 |
| (1) Print | ALPHA WIRE ECOWIRE TM 18 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 | |

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 | |

Environmental

| | |
|-------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 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 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. |

Properties

| Physical & Mechanical Properties | |
|----------------------------------|----------------------------|
| 1) Temperature Range | -40 to 105°C |
| 2) Bend Radius | 10X Cable Diameter |
| 3) Pull Tension | 12.6 Lbs, Maximum |
| Electrical Properties | |
| (For Engineering purposes only) | |
| 1) Voltage Rating | 600 V _{RMS} |
| 2) Inductance | 0.04 μH/ft, Nominal |
| 3) Conductor DCR | 7.1 /1000ft @20°C, Nominal |

Other

| 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 4.5 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 |
| | [Spool dimensions may vary slightly] |

www.alphawire.com

Alpha Wire | 711 Lidgerwood Avenue, Elizabeth, NJ 07207
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RoHS CERTIFICATE OF COMPLIANCE

To Whom It May Concern:

Alpha Wire Part Number:6715

6715 , RoHS-Compliant Commencing With7/1/2009Production

*This document certifies that the Alpha part numbers cited above are manufactured in accordancewith Directive 2002/95/EC of the European Parliament and of the Council of 27 January 2003,better known as the RoHS Directives, with regards to restrictions of the use of certain hazardousubstances used in the manufacture of electrical and electronic equipment. The reader is referredto these Directives for the specific definitions and extents of these Directives. **No Exemptions arerequired for RoHS Compliance on this item.***

Substance

Lead

Maximum Control Value

0.1% by weight (1000 ppm)

| | |
|---------------------------------------|---------------------------|
| Mercury | 0.1% by weight (1000 ppm) |
| Cadmium | 0.01% by weight (100 ppm) |
| Hexavalent Chromium | 0.1% by weight (1000 ppm) |
| Polybrominated Biphenyls (PBB) | 0.1% by weight (1000 ppm) |
| Polybrominated Diphenyl Ethers (PBDE) | 0.1% by weight (1000 ppm) |
| Including Deca-BDE | 0.1% by weight (1000 ppm) |

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Authorized Signatory for the Alpha Wire Company:



Dave Watson, Director of Engineering & QA

11/1/2012

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Authorized Distributor

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