ALPHA WIRE CUSTOMER PRODUCT SPECIFICATION

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|---|--|--|---|--|--|----------------------------------|--|--|
| Α. | Со | nstri | uction | | | Diameters (In) | | |
| | 1) | Co | mponent 1 | 3 X 1 COND | | | | |
| | - | a) | Conductor | 14 (105/34) AWG Tinned Cop | per | 0.070 | | |
| | | b) | Insulation | 0.013" Wall, Nom. MPPE | | 0.096 | | |
| | | | (1) Print | ALPHANUMERIC NUMBERS | - 1-ONE ALTERNATI | NG AND | | |
| | | | | INVERTED | | | | |
| | | | (2) Color Code | Alpha Wire Color Code KX | | | | |
| | | | Cond Color 1 GREEN/YELLOW | Cond Color 2 BLACK#1 | Cond Color 3 BLACK | (#2 | | |
| | 2) | Cal | ble Assembly | 3 Components Cabled | | | | |
| | , | | Twists: | 4.8 Twists/foot (min) | | | | |
| | | | Core Wrap | Nonwoven Polyester Tape, 25 | 5% Overlap, Min. | | | |
| | 3) | Śhi | | Tinned Copper BRAID Shield | 85% Coverage, Min. | | | |
| | 4) | | cket Color(s) | 0.032" Wall, Nom.,Polyuretha SLATE | | 0.303+/- 0.011 | | |
| | | b) | Jacket Separator | Tissue Tape, 25% Overlap, M | in. | | | |
| | | c) | Print | ALPHA WIRE-* P/N 80150 30 | | | | |
| | | -, | | RU AWM STYLE 21959 90C 600V SUN RES 60C OIL OR | | | | |
| | | CRU AWM I/II A/B 90C 600V FT2 IEC EN 60332-1/2 | | | | | | |
| | | | | CE ROHS (SEQ FOO | | | | |
| | | | | * = Factory Code | | | | |
| В. | Ар | | | | | | | |
| | 1) | UL | | | | | | |
| | | a) | Component 1 | AWM/STYLE 11231 | 105°C / 600 V _{RMS} | | | |
| | | b) | Overall | AWM/STYLE 21959 | 90°C / 600 V _{RMS} | | | |
| | | | | 60C OIL | | | | |
| | | | | SUN RES | | | | |
| | 2) | CS | A International | C(RU) AWM I/II A/B | 90°C / 600 V _{RMS} | | | |
| | ~ ` | | ` | FT2 | | | | |
| | 3) | IEC | | | 0 | | | |
| | | a) | Component 1 | EN 60228 Conductors, Class | | | | |
| | | b) | Overall | EN 60754-1 Acid Gas Genera | | | | |
| | | | | EN 60754-2 Acid Gas Genera | luon | | | |
| | | | | EN 60332-1 Flame Behavior EN 60332-2 Flame Behavior | | | | |
| | 4) | CE | | EU Low Voltage Directive 200 | 6/95/EC | | | |
| С | | - | nmental Compliance | | | | | |
| υ. | | CE | | EU Directive 2011/65/EU(RoHS2): | | | | |
| | <i>(</i> י | | This product complies with European Directive 2011/65/EU (RoHS Directive 2011)) | | | | | |
| | European Parliament and of the Council of 8 June 2011. No Exempti | | | | | | | |
| | | | | required for RoHS Complianc | | | | |
| | | | | for RoHS C of C. | | | | |
| | 2) | RF | ACH Regulation (EC 19 | | | | | |
| | _, | | | | Substances of Verv H | igh Concern (SVHC) listed on | | |
| | | | | | | ss of 0.1% mass of the item. For | | |
| | | | | up-to-date information, please | | | | |
| D. | Ph | ysica | al & Mechanical Prope | | and the second s | | | |
| | 1) | | nperature Range | -50 to 90°C(static), -40 to 80° | C (dynamic) | | | |
| | 2) Bend Radius 4X Cable Diameter(static), 6X Cable Diameter(dynamic) | | | | mic) | | | |
| | 3) Pull Tension 105 Lbs, Maximum | | | , | | | | |
| | 4)́ | Sur | nlight Resistance | Yes | | | | |
| | | | - | | | | | |
| | | | | | | | | |

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|----------|--|--|-----------------------------|--|
| E. F. | Voltage Rating Capacitance Ground Capacitance Inductance Conductor DCR OA Shield DCR Other | (For Engineering purposes only) 600 V_{RMS} 35 pf/ft @1 kHz, Nominal Conductor to Conductor 63 pf/ft @1 kHz, Nominal 0.15 µH/ft, Nominal 2.8 Ω /1000ft @20°C, Nominal 3 Ω /1000ft @20°C, Nominal | | |
| | 1) Packaging a) 100 FT b) Bulk(Made-to-order) | Flange x Traverse x Barrel (inches) 12 x 4.5 x 3.5 Continuous length [Spool dimensions may vary slightly] | | |

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