ALPHA WIRE CUSTOMER PRODUCT SPECIFICATION

| | | | er: B963043 2 Pages | Issue: 1 Issue Date: 9/10/2010 Effective Date: 11/5/2010 | | | | | |
|--------------------------------------|--|---|--|--|--|--|--|--|--|
| Α. | Coi 1) | | action nponent 1 Conductor Insulation (1) Color Code | 4 X 1 PAIR 24 (7/32) AWG TC 0.25 Wall, Nom. PVC, Semi Rigid Alpha Wire Color Code B | | | | | |
| | | | Pair Color 1 WHITE-BLACK | Pair Color Pair Color 3 WHITE-RED | | | | | |
| | | | 2 WHITE-BROWN | 4 WHITE-ORANGE | | | | | |
| | 2) 3) | Cat a) b) Shie | Pair (1) Twists: ble Assembly Twists: Core Wrap eld Drain Wire | 2/Cond Cabled Together 31.5 Twists/meter (min) 4 Components Cabled 19.7 Twists/meter (min) Clear Mylar Tape, 25% Overlap, Min. TC BRAID Shield,85% Coverage, Min. 24 (7/32) AWG TC | | | | | |
| | 4) | | Color(s) | 0.81 Wall, Nom., PVC 6.71 (7.08 Max.) GREY 1 End 810 Denier Nylon ALPHA WIRE-* P/N B963043 0.23MM2 (24AWG) (UL) TYPE CM 105C OR AWM 2464 VW-1 CE ROHS (SEQ METERS) * = Enotory Code | | | | | |
| B. | Ap | olica | ble Specifications | * = Factory Code | | | | | |
| | 1) | UL | - | | | | | | |
| | | a) b) | Component 1 Overall | AWM/STYLE 10002 105°C / 300 V _{RMS} AWM/STYLE 2464 80°C / 300 V _{RMS} CM 105°C VW-1 105°C | | | | | |
| | 2) | IEC | | EN 60332-1 Flame Behavior EN 60332-2 Flame Behavior | | | | | |
| C. | 3) CE: LVD 73/23/EEC Amendment 93/68/EEC Environmental Compliance | | | | | | | | |
| | 1) | EU | Directive 2002/95/EC(| 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) | RE/ | ACH Regulation (EC 1 | | | | | | |
| D. | Physical & Mechanical Properties | | | | | | | | |
| | 1) 2) | | nperature Range | -30 to 105°C 10X Cable Diameter | | | | | |
| | 2) 3) | | nd Radius I Tension | 37 Lbs, Maximum | | | | | |
| | 4) | Sur | light Resistance | Yes | | | | | |
| E. | Ele 1) 2) 3) 4) 5) 6) | Ctric Voli Mut Gro Cha Indu | al Properties tage Rating tual Capacitance ound Capacitance aracteristic Impedance uctance nductor DCR | (For Engineering purposes only) 300 V _{RMS} 82 pf/m @1 kHz, Nominal 147.6 pf/m @1 kHz, Nominal 76 Ω 0.6232 μH/m, Nominal 85.28 Ω/Km @20°C, Nominal | | | | | |
| Altho | , | | | kes every reasonable effort to ensure their accuracy at the time of publication, information and specifications | | | | | |
| desc prod Alph no e been | ribed uct av a prov vent w advis | hereir vailabil vides t vill Alp sed of | n are subject to errors or omi lity. he information and specifica ha be liable for any damages | ssions and to changes without notice, and the listing of such information and specifications does not ensure ions herein on an "AS IS" basis, with no representations or warranties, whether express, statutory or implied. s (including consequential, indirect, incidental, special, punitive, or exemplary) whatsoever, even if Alpha has ges, whether in an action under contract, negligence or any other theory, arising out of or in connection with t | | | | | |

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| F. | 7) OA Shield DCR Other | 11.48 Ω/Km @20°C, Nominal | | |
| | Packaging a) 3280 FT b) 1640 FT c) 328 FT d) 164 FT | Flange x Traverse x Barrel (inches) 24 x 14 x 12 Continuous length 18 x 12 x 8 Continuous length 12 x 4.5 x 3.5 Continuous length 10 x 4 x 3.5 Continuous length [Spool dimensions may vary slightly] | | |

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