## ALPHA WIRE CUSTOMER PRODUCT SPECIFICATION

			er: B961043 2 Pages	Issue: 1 Issue Date: 9/8/2010 Effective Date: 11/3/2010					
A. (			uction	Diameters (mm)					
	1)		nponent 1 Conductor Insulation (1) Color Code	4 X 1 PAIR 28 (7/36) AWG TC 0.38 0.25 Wall, Nom. PVC, Semi Rigid 0.89 Alpha Wire Color Code B					
			Pair Color 1 WHITE-BLACK	Pair Color Pair Color 3 WHITE-RED Pair					
	,	Cat a) b)	Pair (1) Twists: ole Assembly Twists: Core Wrap	2/Cond Cabled Together 39.4 Twists/meter (min) 4 Components Cabled 26.2 Twists/meter (min) Clear Mylar Tape, 25% Overlap, Min. TC DPAID Existed 55% Coverage Min					
`	3)	Shie	Drain Wire	TC BRAID Shield,85% Coverage, Min. 28 (7/36) AWG TC					
4	4)	Jac a)		0.81 Wall, Nom.,PVC 5.79 (6.15 Max.) GREY 1 End 810 Denier Nylon ALPHA WIRE-* P/N B961043 0.09MM2 (28AWG) (UL) TYPE CM 105C OR AWM 2464 VW-1 CE ROHS (SEQ METERS)					
_	-			* = Factory Code					
		UL	ble Specifications						
	')		Component 1 Overall	AWM/STYLE 10002         105°C / 300 V <sub>RMS</sub> AWM/STYLE 2464         80°C / 300 V <sub>RMS</sub> CM         105°C					
4	2)	IEC		VW-1 EN 60332-1 Flame Behavior EN 60332-2 Flame Behavior					
C. I	<ul> <li>3) CE: LVD 73/23/EEC Amendment 93/68/EEC</li> <li>Environmental Compliance</li> <li>1) EU Directive 2002/95/EC(RoHS):</li> </ul>								
	1)	LU		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 sit for compliance Date of Manufacture.					
2	2)	RE/	ACH Regulation (EC 1	907/2006): This product does not contain any of the substances listed on the European Unio REACH Substance of Very High Concern (SVHC) candidate list, dated 30 March 2010, in excess of a concentration of 0.1% weight/weight.					
	Physical & Mechanical Properties								
	1) 2)		nperature Range Id Radius	-30 to 105°C 10X Cable Diameter					
	'	Pull	Tension	17 Lbs, Maximum					
	4) 51-1		light Resistance	Yes					
	1) 2) 3)	Volt Mut Gro	al Properties tage Rating ual Capacitance und Capacitance	(For Engineering purposes only) 300 V <sub>RMS</sub> 68.88 pf/m @1 kHz, Nominal 124.64 pf/m @1 kHz, Nominal					
Į	4) 5) 6)	Indu	aracteristic Impedance uctance nductor DCR	90 Ω 0.7216 μH/m, Nominal 219.76 Ω/Km @20°C, Nominal					
	'			kes every reasonable effort to ensure their accuracy at the time of publication, information and specifications					
descril produc Alpha no eve	bed l ct ava prov ent w	hereir ailabil ides t rill Alp	n are subject to errors or om ity. he information and specifica ha be liable for any damage	ssions and to changes without notice, and the listing of such information and specifications does not ensure tions 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					
				ecifications described herein.					

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F.	7) OA Shield DCR <b>Other</b>	13.12 Ω/Km @20°C, Nominal			
	<ol> <li>Packaging         <ul> <li>a) 3280 FT</li> <li>b) 1640 FT</li> <li>c) 328 FT</li> <li>d) 164 FT</li> </ul> </li> </ol>	Flange x Traverse x Barrel (inches) 24 x 14 x 12 Continuous length 16 x 11 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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