ALPHA WIRE CUSTOMER PRODUCT SPECIFICATION

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Pa	ge 1	of 2	2 Pages	Issue Date: 8/7/2014 Effective Date: 10/2/2014		
Α.	Со	nstru	uction	Diameters (In)		
	1)	Cor a) b)	nponent 1 Conductor Insulation (1) Color Code	3 X 1 COND 20 (19/32) AWG Tinned Copper 0.040 0.007" Wall, Nom. Modified Polyphenylene Ether-PE 0.054 Alpha Wire Color Code D		
			Cond Color	Cond Color Cond Color		
			1 BLACK	2 RED 3 WHITE		
	2) 3)		ole Assembly Twists: Core Wrap	3 Components Cabled 8.0 Twists/foot (min) Nonwoven Polyester Tape, 25% Overlap, Min. A/P/A Tape, 25% Overlap, Min.		
	3)	a)	Drain Wire Braid	20 (7/28) AWG Tinned Copper Tinned Copper,70% Coverage, Min.		
	4)	Jac a)	ket Color(s)	0.015" Wall, Nom.,Modified Polyphenylene Ether-PE 0.181 (0.189 Max.) SLATE		
		b) c) d)	Ripcord Jacket Separator Print	1 End 810 Denier Nylon Nonwoven Polyester Tape, 25% Overlap, Min. ALPHA WIRE-* P/N 78343 3C 20 AWG ECOCABLE(R) MINI RU AWM 21460 80C 300V VW-1 C(RU) AWM I A/B FT1 80C 300V CE ROHS (SEQ FOOTAGE) * = Factory Code		
в.	Ap	plica	ble Specifications			
	1)	UL		AWM/STYLE 21460 80°C / 300 V _{RMS} VW-1		
	2) 3)	Oth		C(RU) AWM I A/B FT1 80°C / 300 V _{RMS} Halogen-Free		
C.	4) CE: Environmental Compliance			EU Low Voltage Directive 2006/95/EC		
	1) CE: EU Directive 2011/65/EU(RoHS2): This product complies with European Directive 2011/65/EU (RoHS Directive 2011))); RoHS Directive 2011/65/EU (RoHS Dir					
	2) REACH Regu			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. Fo up-to-date information, please see <u>Alpha's REACH SVHC Declaration</u> .		
D.	D. Physical & Mechanical Properties					
Е.	1) 2) 3) Ele	Ber Pul	nperature Range nd Radius I Tension : al Properties	-40 to 80°C 10X Cable Diameter 40 Lbs, Maximum (For Engineering purposes only)		
	1) 2) 3) 4)	Vol Cap Gro	tage Rating pacitance pund Capacitance uctance	300 V _{RMS} 37 pf/ft @1 kHz, Nominal Conductor to Conductor 67 pf/ft @1 kHz, Nominal 0.15 μH/ft, Nominal		
F.	5) 6) Ot ł	OA	nductor DCR Shield DCR	9.4 Ω/1000ft @20°C, Nominal 4 Ω/1000ft @20°C, Nominal		
	1)	Pac	ckaging 1000 FT	Flange x Traverse x Barrel (inches) 12 x 6 x 3.5 Continuous length		
				es every reasonable effort to ensure their accuracy at the time of publication, information and specifications sions and to changes without notice, and the listing of such information and specifications does not ensure		
proc Alph no e beei	luct av a provi vent v n advi	vailabi vides t will Alp sed of	lity. the information and specification tha be liable for any damages (ons herein on an "AS IS" basis, with no representations or warranties, whether express, statutory or implied. In (including consequential, indirect, incidental, special, punitive, or exemplary) whatsoever, even if Alpha has es, whether in an action under contract, negligence or any other theory, arising out of or in connection with the		
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b) 100 FT

6.5 x 2 x 1.9 Continuous length

c) Bulk(Made-to-order)

[Spool dimensions may vary slightly]

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