ALPHA WIRE CUSTOMER PRODUCT SPECIFICATION

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Α.	Co	onstruction				Diameters (In)	
	1)	Component 1 a) Conductor b) Insulation (1) Color Code	2 X 1 COND 20 (7/28) AWG Tinned Copper 0.016" Wall, Nom. TPE Alpha Wire Color Code D			0.038 0.070	
		Cond Color 1 BLACK	Cond Color 2 RED	Cond	Color		
	2)	Cable Assembly a) Twists:	2 Components Cabled 8.0 Twists/foot (min)				
	3)	b) Core Wrap Shield: a) Drain Wire	Nonwoven Polyester Tape, 25% A/P/A Tape, 25% Overlap, Min. 20 (7/28) AWG Tinned Copper	o Overlap, Min.			
	4)	b) Braid Jacket a) Color(s)	Tinned Copper,70% Coverage, 0.045" Wall, Nom.,TPE Slate, Black, Yellow, Orange, Bl		I, San	0.262 (0.273 Max.) d Beige, White	
		b) Ripcord c) Print	1 End 810 Denier Nylon ALPHA WIRE-* P/N 45152 2C 2 XTRAGUARD(R) 4 (UL) TYPE 20237/21918 125C 300 V OR CRU AWM I/II A/B 125C 300 V	0 AWG PLTC 105C S		-	
В.		plicable Specifications	-				
	1)	UL	AWM/STYLE 20237 PLTC AWM/STYLE 21918 SUN RES	125°C / 300 \ 105°C 125°C / 300 \			
	2)	CSA International	C(RU) AWM I/II A/B FT1 SUN RES (Black only)	125°C / 300 \			
C		Other CE: vironmental Compliance	PENNSYLVANIA BUREAU OF EU Low Voltage Directive 2006/		APPF	ROVED	
0.		CE:	EU Directive 2011/65/EU(RoHS	2):			
	·		This product complies with European Directive 2011/65/EU (RoHS Directive) of the European Parliament and of the Council of 8 June 2011. No Exemptions are required for RoHS Compliance on this item. Consult Alpha Wire's web site for RoHS C of C.				
	2)	California Proposition 65:	The outer surface materials used in the manufacture of this part meet the requirements of California Proposition 65.				
D.		ysical & Mechanical Proper					
	1) 2)	Temperature Range Bend Radius	-50 to 125°C 10X Cable Diameter				
	2) 3)	Pull Tension	30 Lbs, Maximum				
	4)	Sunlight Resistance	Yes				
E.	1)	ectrical Properties Voltage Rating	(For Engineering purposes only 300 V _{RMS}	-			
	2)	Capacitance	24.7 pf/ft @1 kHz, Nominal Cor	nauctor to Conc	uctor		
	3) 4)	Ground Capacitance Characteristic Impedance	44 pf/ft @1 kHz, Nominal 65 Ω				
	4) 5)	Inductance	0.19 µH/ft, Nominal				
	6)	Conductor DCR	10.2 Ω/1000ft @20°C, Nominal				

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7) OA Shield DCR

3.3 Ω/1000ft @20°C, Nominal

F. Other

1) Packaging Flange x Traverse x Barrel (inches)

a) Bulk(Made-to-order)

2) Notes:

a) Print legend will contain CSA SUN RES on black cables only.

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