ALPHA WIRE CUSTOMER PRODUCT SPECIFICATION

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A.	Со	nstru	uction				Diameters (mm)
	1)		mponent 1	3 X 1 PAIR			0.01
		a) b)	Conductor Insulation	24 (7/32) AWG TC 0.25 Wall, Nom. PVC, Semi Rigi	d		0.61 1.12
		D)	(1) Color Code	Alpha Wire Color Code B	u		1.12
			(.)				
			Pair Color 1 WHITE-BLACK	Pair Color 2 WHITE-BROWN	Pair 3	Color WHITE	-RED
		c)	Pair	2/Cond Cabled Together			
		. .	(1) Twists:	31.5 Twists/meter (min)			
	2)		ble Assembly	3 Components Cabled			
			Twists:	22.5 Twists/meter (min)	Min		
	3)	D) Shi	Core Wrap	Clear Mylar Tape, 25% Overlap, TC BRAID Shield,85% Coverage			
	3)		Drain Wire	24 (7/32) AWG TC	e, IVIII.		
	4)	Jac		0.81 Wall, Nom., PVC			6.22 (6.57 Max.)
	.,		Color(s)	GREY			(****
		b)	Ripcord	1 End 810 Denier Nylon			
		c)	Print	ALPHA WIRE-* P/N B963033			
					PE CM 105C		
				VW-1 CE ROH	IS (SEC	METE	RS)
Р	A		hla Cracificationa	* = Factory Code			
в.	Ap 1)	UL	ble Specifications				
	1)	a)	Component 1	AWM/STYLE 10002	105°C / 30		
		b)	Overall	AWM/STYLE 2464	80°C / 300		
		~)		CM	105°C	• 13103	
				VW-1			
	2)	IEC	;	EN 60332-1 Flame Behavior			
				EN 60332-2 Flame Behavior			
~		CE		LVD 73/23/EEC Amendment 93/	/68/EEC		
C.			mental Compliance				
	1)	EU	Directive 2002/95/EC(I	All materials used in the manufa	cture of this	nart are	in compliance with ELL
				Directive 2002/95/EU regarding			
				substances in electrical and electrical			
				for compliance Date of Manufact			
	2)	RE	ACH Regulation (EC 19	907/2006):			
				This product does not contain ar			
				REACH Substance of Very High			
П	Dhy		al & Mechanical Prope	2010, in excess of a concentration	on of 0.1% w	eignt/w	eight.
υ.	FII)		nperature Range	-30 to 105°C			
	2)		nd Radius	10X Cable Diameter			
	3)		Tension	29 Lbs, Maximum			
	4)́	Sur	light Resistance	Yes			
E.	Ele	ctric	al Properties	(For Engineering purposes only	')		
	1)		tage Rating	300 V _{RMS}			
	2)		ual Capacitance	82 pf/m @1 kHz, Nominal			
	3)		und Capacitance	147.6 pf/m @1 kHz, Nominal			
	4) 5)		aracteristic Impedance	76 Ω 0.6232 μH/m. Nominal			
	5) 6)		uctance nductor DCR	0.6232 μH/m, Nominal 85.28 Ω/Km @20°C, Nominal			
	0)	001					

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F.	7) OA Shield DCR Other	13.12 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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