ALPHA WIRE CUSTOMER PRODUCT SPECIFICATION

Part Number: B964114 Page 1 of 2 Pages								1 9/10/2010 11/5/2010)/10/2010	
	Cor	nstruction							Diameters (n	nm)
	1)	Componer		11 X 1 PAIR						
		a) Condu		22 (7/30) AWO					0.76	
		b) Insula			n. PVC, Semi Rig	gid			1.27	
		(1) C	olor Code	Alpha Wire Co	lor Code B					
		Pair 1	Color WHITE-BLACK	Pair 5	Color WHITE-YELLOW		Pair 9	Color WHITE-	SI ATE	
		2	WHITE-BROWN	6	WHITE-GREEN		10	BLACK-	BROWN	
		3 4	WHITE-RED WHITE-ORANGE	7 8	WHITE-BLUE WHITE-VIOLET		11	BLACK-	RED	
		c) Pair		2/Cond Cable	d Together					
		(1) T	wists:	26.2 Twists/m						
	2)	Cable Ass		11 Componen						
	,	a) Twists		10.5 Twists/m						
		b) Core \			ape, 25% Overlap	o, Min.				
	3)	Shield:	•		5% Overlap, Min					
		a) Drain	Wire	22 (7/30) AWO						
		b) Braid		TC,70% Cove						
	4)	Jacket		0.81 Wall, Nor	n.,PVC				10.74 (11.2	9 Max.)
		a) Color(GREY						
		b) Ripco	r d	1 End 810 Dei						
		c) Print			-* P/N B964114					
					2AWG) (UL) TYI					
				VW-1 CE	RO	HS	(SEQ I	METEF	RS)	
	_			* = Factory C	ode					
•			ecifications							
	1)	UL			40000	1050	~ / ~ ~ ~			
			onent 1	AWM/STYLE			C / 300			
		b) Overa	11	AWM/STYLE:	2404		; / 300 \ C	RMS		
				CM VW-1		105°	C			
	2)	IEC		EN 60332-1 F	lame Rehavior					
	2)	ILC		EN 60332-2 F						
	3)	CE:			C Amendment 93	3/68/FF	C			
_			I Compliance		o / menament of	5/00/LL	0			
	1)		ve 2002/95/EC(RoHS):						
	,				sed in the manufa	acture o	of this pa	art are	in compliance wit	h EU
									of certain hazard	
									Consult Alpha Wir	
					e Date of Manufa	cture.			•	
	2)	REACH R	egulation (EC 1							
				This product d					listed on the Euro	
									ndidate list, dated	d 30 Marc
					s of a concentrat	ion of 0	.1% we	ight/we	eight.	
•			chanical Prop							
	1)	Temperatu		-30 to 105°C						
	2)	Bend Radi		10X Cable Dia						
	3)	Pull Tensio		133 Lbs, Maxi	mum					
	4)	Sunlight R		Yes						
	Fle	ctrical Prop			ing purposes onl	у)				
	4.5	Voltage Ra		300 V _{RMS}						
-	1)			81 672 nt/m (nu khz Nominal					
•	2)	Mutual Ca			1 kHz, Nominal					
					1 kHz, Nominal					
	2) 3)	Mutual Ca Ground Ca	apacitance		1 kHz, Nominal		the time :	of publics	ation information and a	anacification

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F.	 4) Characteristic Impedance 5) Inductance 6) Conductor DCR 7) OA Shield DCR Other 1) Packaging a) 3280 FT b) 1640 FT c) 328 FT d) 164 FT 	77 Ω 0.5904 µH/m, Nominal 54.776 Ω /Km @20°C, Nominal 7.8392 Ω /Km @20°C, Nominal Flange x Traverse x Barrel (inche 36 x 14 x 12 Continuous length 30 x 14 x 12 Continuous length 16 x 11 x 8 Continuous length 12 x 10 x 5 Continuous length [Spool dimensions may vary slightly]	es)		

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