ALPHA WIRE COMPANY CUSTOMER PRODUCT SPECIFICATION

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۹.	Со	nstruction					Diameters
	1)	Component 1	18 X 1 PAIR				
		a) Conductor	28 (7/36) AV				
		b) Insulation		Nom. Polyethyl	ene(PE)		0.035
		(1) Color Code	Alpha Wire C	Color Code K			
		Pair Color 1 BLACK-RED	Pair 7	Color BLACK-ORANGE	Pair 13	Color RED-OF	RANGE
		2 BLACK-WHITE 3 BLACK-GREEN	8	RED-WHITE RED-GREEN	14 15	GREEN	-WHITE
		4 BLACK-BLUE	10	RED-BLUE	16 17	GREEN	-YELLOW
		5 BLACK-YELLOW 6 BLACK-BROWN	12	RED-YELLOW RED-BROWN	18		-BROWN -ORANGE
		c) Pair	2/Cond Cabl	ed Together			
		(1) Twists:	12.0 Twists/f				
	2)	Cable Assembly	18 Compone				
		a) Twists:	2.8 Twists/fo				
	3)	Śhield:	Alum/Mylar 7	Tape, 25% Ove	rlap, Min.		
		a) Foil Direction	Foil Facing C	Dut			
		b) Drain Wire	28 (7/36) AV				
		c) Braid	TC,90% Cov				
	4)	Jacket	0.035" Wall,	Nom.,PVC			0.383 (0.407 Max.)
		a) Color(s)	GRAY				
		b) Print		E-* P/N 6398 1			_
				75C (UL) TYPE			D
				CSA TYPE CM	HFT1 RO	HS	
			* = Factory				
2	Ind	lustry Approvals		hay have c(UL) or	CSA markings u	epenaing	g upon plant of manufacture.]
		Industry Approvals 1) UL AWM/STYLE29		2960	60°C / 30		
	• • •	01	CL2		75°C	•	
			VW-1				
	2)	CSA International	CMH		60°C		
	,		FT1				
	3)	EU Directive 2002/95/EC	(RoHS):				
	,			used in the ma	nufacture of	this pai	rt are in compliance with
							of use of certain hazardou
							nt. Consult Alpha Wire's
				compliance Dat			
	4)	California Proposition 65:					cture of this part meet the
				s of California P	roposition 65	5.	
).		ysical & Mechanical Prop					
		Temperature Range	-20 to 75°C				
	2)	Bend Radius	10X Cable D				
		Pull Tension	60 Lbs, Maxi		a a h cò		
).		ectrical Properties		ering purposes	oniy)		
		Voltage Rating	300 V _{RMS}				
	2)	Characteristic Impedance					
	2	Mutual Capacitance	15.5 pī/π @	1 kHz, Nominal			
	3)		07 5	4 . . N			
	3) 4) 5)	Ground Capacitance Conductor DCR		1 kHz, Nominal @20°C, Nomir			

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	Effective Date:	8/1/2005				

6) OA Shield DCR

2.3 Ω/1000ft @20°C, Nominal

- E. Other
- 1) Packaging
 - a) 1000 FT b) 500 FT
 - D) 500 FI
 - c) 100 FT

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