ALPHA WIRE COMPANY CUSTOMER PRODUCT SPECIFICATION

Part Number: 6348 Page 1 of 2 Pages			Issue: 3 Issue Date: 5/23/2005 Effective Date: 8/1/2005			
Α.	Cor	nstruction	Diameters (In)			
	1)	Component 1	25 X 1 COND			
		a) Conductor	22 (7/30) AWG TC			
		b) Insulation(1) Color Code	0.010" Wall, Nom. PVC, Semi Rigid 0.050			
		Alpha Wire Company Color Code F				
		Cond Color	Cond Color Color 10 ORANGE/BLACK 19 BLUE/RED			
		1 BLACK 2 WHITE	11 BLUE/BLACK 20 RED/GREEN			
		3 RED 4 GREEN	12 BLACK/WHITE 21 ORANGE/GREEN 13 RED/WHITE 22 BLACK/WHITE/RED			
		5 ORANGE	14 GREEN/WHITE 23 WHITE/BLACK/RED			
		6 BLUE 7 WHITE/BLACK	15 BLUE/WHITE 24 RED/BLACK/WHITE 16 BLACK/RED 25 GREEN/BLACK/WHITE			
		8 RED/BLACK 9 GREEN/BLACK	17 WHITE/RED 18 ORANGE/RED			
	2)	Cable Assembly	25 Components Cabled			
	3)	a) Twists: Shield:	2.7 Twists/foot (min) Alum/Mylar Tape, 25% Overlap, Min.			
	3)	a) Foil Direction	Foil Facing Out			
		b) Drain Wire	24 (7/32) AWG TC			
		c) Braid	TC,65% Coverage, Min.			
	4)	Jacket	0.032" Wall, Nom.,PVC 0.390 (0.410 Max.)			
	••	a) Color(s)	SLATE			
	b) Print ALPHA WIRE-* P/N 6348 25C 22 AWG					
		SHIELDED 75C (UL) TYPE CM OR AWM 2464 LLXXXXXX				
			CSA TYPE CMG FT4 ROHS			
			* = Factory Code			
		[Note: Product may have c(UL) or CSA markings depending upon plant of manufacture.]				
В.	Industry Approvals					
	1)	UL	AWM/STYLE 2464 80°C / 300 V _{RMS}			
			CM 75°C			
			VW-1			
	2)	CSA International	CMG 60°C			
	2)		FT4			
	3)	EU Directive 2002/95/EC(RoHS): All materials used in the manufacture of this part are in compliance with EU				
			Directive 2002/95/EU regarding the restriction of use of certain hazardous			
			substances in electrical and electronic equipment. Consult Alpha Wire's web site for			
			compliance Date of Manufacture.			
	4)	California Proposition 65:				
	•)		requirements of California Proposition 65.			
С.	Phy	ysical & Mechanical Prope				
	1)	Temperature Range	-20 to 80°C			
	2)	Bend Radius	10X Cable Diameter			
	3)	Pull Tension	146 Lbs, Maximum			
D.	Ele	ectrical Properties	(For Engineering purposes only)			
	1)	Voltage Rating	300 V _{RMS}			
	2)	Capacitance	36 pf/ft @1 kHz, Nominal Conductor to Conductor			
	3)	Ground Capacitance	65 pf/ft @1 kHz, Nominal			
	4)	Inductance	0.18 μH/ft, Nominal			
	5)	Conductor DCR	16.4 Ω/1000ft @20°C, Nominal			
_	6)	OA Shield DCR	3.4 Ω/1000ft @20°C, Nominal			
Е.	Oth					
	1)	Packaging				
		a) 1000 FT				
			es every reasonable effort to ensure their accuracy at the time of publication, information and specifications			

described herein are subject to errors or omissions and to changes without notice, and the listing of such information and specifications does not ensure

described herein are subject to errors or omissions and to changes without houce, and the insting or such mornation and specifications does not ensure product availability. Alpha provides the information and specifications herein on an "AS IS" basis, with no representations or warranties, whether express, statutory or implied. In no event will Alpha be liable for any damages (including consequential, indirect, incidental, special, punitive, or exemplary) whatsoever, even if Alpha has been advised of the possibility of such damages, whether in an action under contract, negligence or any other theory, arising out of or in connection with the use, or inability to use, the information or specifications described herein.

ALPHA WIRE COMPANY CUSTOMER PRODUCT SPECIFICATION

Part Number: 6348	Issue:	3		
Page 2 of 2 Pages	Issue Date: Effective Date:	5/23/2005 8/1/2005		

b) 500 FT

c) 100 FT

Although Alpha Wire Company ("Alpha") makes every reasonable effort to ensure their accuracy at the time of publication, information and specifications described herein are subject to errors or omissions and to changes without notice, and the listing of such information and specifications does not ensure product availability.

Alpha provides the information and specifications herein on an "AS IS" basis, with no representations or warranties, whether express, statutory or implied. In no event will Alpha be liable for any damages (including consequential, indirect, incidental, special, punitive, or exemplary) whatsoever, even if Alpha has been advised of the possibility of such damages, whether in an action under contract, negligence or any other theory, arising out of or in connection with the use, or inability to use, the information or specifications described herein.