ALPHA WIRE COMPANY CUSTOMER PRODUCT SPECIFICATION

Pa		lumber: 6321 1 of 2 Pages				e: Date: tive Date:		4 5/26/2005 8/1/2005		
A.	Со	onstruction						Diameter	s (In)	
	1)	Component 1	7 X 1 PAIR						<u>- (/</u>	
		a) Conductor	24 (7/32) AWG TO							
		b) Insulation	0.019" Wall, Nom					0.062		
		(1) Color Code	Alpha Wire Company Color Code A							
		Pair Color	Pair Col	or		Pair	Color		1	
		1 BLACK-RED	4 BLA	ACK-BLUE ACK-BROWN		7		ORANGE		
		2 BLACK-WHITE 3 BLACK-GREEN		ACK-BROWN ACK-YELLOW						
			2/Cand Cabled T							
		c) Pair (1) Twists:	2/Cond Cabled To 6.9 Twists/foot (m							
		Individually Applied:		111 <i>)</i>						
		d) Shield:	Foil Free Alum/My	vlar Tape, 25% (Overlar	p. Min.				
		(1) Foil Direction	Foil Facing In		o , o	p,				
		(2) Drain Wire	24 (7/32) ĂWG TO	2						
	2)	Cable Assembly	7 Components Ca							
	•	a) Twists:	2.4 Twists/foot (m							
	3)	Shield:	Alum/Mylar Tape,	25% Overlap, N	/lin.					
		a) Foil Direction b) Drain Wire	Foil Facing Out 24 (7/32) AWG TO	`						
		c) Braid	TC,65% Coverage							
	4)	Jacket	0.048" Wall, Nom					0 464 (0.483 Max.)	
	•)	a) Color(s)	SLATE	.,				0.101 (5. 100 Max.)	
		b) Print	ALPHA WIRE-* P	/N 6321 7PR 24	AWG					
			SHIELDED 75C (UL) TYPE CM C	R AW	M 2493	3 Ll			
			CSA TYPE CMH							
			* = Factory Code						6	
D	امما	ductry Approvala	[Note: Product may	have c(UL) or CS/	A marki	ings dep	ending	g upon plant of	manufacture.]	1
D .		dustry Approvals	AWM/STYLE 249	3	60°C					
	1)	0E	CM		75°C					
			VW-1							
	2)	CSA International	СМН		60°C					
	,		FT1							
3) EU Directive 2002/95/EC(RoHS):										
	3)	EU Directive 2002/95/EC(Ro								
	3)	EU Directive 2002/95/EC(Ro	All materials used							
	3)	EU Directive 2002/95/EC(Ro	All materials used Directive 2002/95	/EU regarding th	ne restr	riction c	of use	of certain haz	zardous	uito fe
	3)	EU Directive 2002/95/EC(Ro	All materials used Directive 2002/95 substances in electronic	/EU regarding th ctrical and electr	ne restr	riction c	of use	of certain haz	zardous	site fo
	,		All materials used Directive 2002/95, substances in elec compliance Date	/EU regarding th ctrical and electr of Manufacture.	ne restr ronic e	riction o quipme	of use ent. C	of certain haz onsult Alpha	zardous Wire's web s	site fo
	3)	EU Directive 2002/95/EC(Ro California Proposition 65:	All materials used Directive 2002/95, substances in elec compliance Date The outer surface	/EU regarding th ctrical and electr of Manufacture. materials used	ne restr ronic e in the r	riction o quipme manufa	of use ent. C	of certain haz onsult Alpha	zardous Wire's web s	site fo
C.	4)	·	All materials used Directive 2002/95 substances in elec compliance Date of The outer surface requirements of C	/EU regarding th ctrical and electr of Manufacture. materials used	ne restr ronic e in the r	riction o quipme manufa	of use ent. C	of certain haz onsult Alpha	zardous Wire's web s	site fo
C.	4)	California Proposition 65: ysical & Mechanical Propert Temperature Range	All materials used Directive 2002/95 substances in elec compliance Date of The outer surface requirements of C	/EU regarding th ctrical and electr of Manufacture. materials used	ne restr ronic e in the r	riction o quipme manufa	of use ent. C	of certain haz onsult Alpha	zardous Wire's web s	site fo
C.	4) Phy 1) 2)	California Proposition 65: ysical & Mechanical Propert Temperature Range Bend Radius	All materials used Directive 2002/95. substances in elec compliance Date The outer surface requirements of C ties -20 to 75°C 10X Cable Diame	/EU regarding th ctrical and electr of Manufacture. materials used california Propos ter	ne restr ronic e in the r	riction o quipme manufa	of use ent. C	of certain haz onsult Alpha	zardous Wire's web s	site fo
-	4) Phy 1) 2) 3)	California Proposition 65: ysical & Mechanical Propert Temperature Range Bend Radius Pull Tension	All materials used Directive 2002/95. substances in elec compliance Date of The outer surface requirements of C ties -20 to 75°C 10X Cable Diame 84 Lbs, Maximum	/EU regarding th ctrical and electr of Manufacture. materials used california Propos	ne restr ronic e in the r	riction o quipme manufa	of use ent. C	of certain haz onsult Alpha	zardous Wire's web s	site fo
-	4) Phy 1) 2) 3) Ele	California Proposition 65: ysical & Mechanical Propert Temperature Range Bend Radius Pull Tension ectrical Properties	All materials used Directive 2002/95. substances in elec compliance Date of The outer surface requirements of C ies -20 to 75°C 10X Cable Diame 84 Lbs, Maximum (For Engineering	/EU regarding th ctrical and electr of Manufacture. materials used california Propos	ne restr ronic e in the r	riction o quipme manufa	of use ent. C	of certain haz onsult Alpha	zardous Wire's web s	site fo
-	4) Phy 1) 2) 3) Ele 1)	California Proposition 65: ysical & Mechanical Propert Temperature Range Bend Radius Pull Tension ectrical Properties Voltage Rating	All materials used Directive 2002/95. substances in electronyliance Date of The outer surface requirements of C ties -20 to 75°C 10X Cable Diame 84 Lbs, Maximum (For Engineering 300 V _{RMS}	/EU regarding th ctrical and electr of Manufacture. materials used california Propos	ne restr ronic e in the r	riction o quipme manufa	of use ent. C	of certain haz onsult Alpha	zardous Wire's web s	site fo
-	4) Phy 1) 2) 3) Ele 1) 2)	California Proposition 65: ysical & Mechanical Propert Temperature Range Bend Radius Pull Tension ectrical Properties Voltage Rating Characteristic Impedance	All materials used Directive 2002/95. substances in electronyliance Date of The outer surface requirements of C ties -20 to 75°C 10X Cable Diame 84 Lbs, Maximum (For Engineering 300 V _{RMS} 100 Ω	/EU regarding th ctrical and electr of Manufacture. materials used california Propos ter purposes only)	ne restr ronic e in the r	riction o quipme manufa	of use ent. C	of certain haz onsult Alpha	zardous Wire's web s	site fo
C. D.	4) Phy 1) 2) 3) Ele 1) 2) 3)	California Proposition 65: ysical & Mechanical Propert Temperature Range Bend Radius Pull Tension ectrical Properties Voltage Rating Characteristic Impedance Mutual Capacitance	All materials used Directive 2002/95. substances in electromyliance Date of The outer surface requirements of C ties -20 to 75°C 10X Cable Diame 84 Lbs, Maximum (For Engineering 300 V _{RMS} 100 Ω 12.5 pf/ft @1 kHz	/EU regarding th ctrical and electr of Manufacture. materials used alifornia Propos ter purposes only) z, Nominal	ne restr ronic e in the r	riction o quipme manufa	of use ent. C	of certain haz onsult Alpha	zardous Wire's web s	site fo
-	4) Phy 1) 2) 3) Ele 1) 2)	California Proposition 65: ysical & Mechanical Propert Temperature Range Bend Radius Pull Tension ectrical Properties Voltage Rating Characteristic Impedance	All materials used Directive 2002/95. substances in electronyliance Date of The outer surface requirements of C ties -20 to 75°C 10X Cable Diame 84 Lbs, Maximum (For Engineering 300 V _{RMS} 100 Ω	/EU regarding th ctrical and electr of Manufacture. materials used alifornia Propos ter purposes only) z, Nominal Nominal	ne restr ronic e in the r	riction o quipme manufa	of use ent. C	of certain haz onsult Alpha	zardous Wire's web s	site fo
-	4) Phy 1) 2) 3) Ele 1) 2) 3) 4)	California Proposition 65: ysical & Mechanical Propert Temperature Range Bend Radius Pull Tension ectrical Properties Voltage Rating Characteristic Impedance Mutual Capacitance Ground Capacitance	All materials used Directive 2002/95. substances in electronyliance Date of The outer surface requirements of C ties -20 to 75°C 10X Cable Diame 84 Lbs, Maximum (For Engineering 300 V _{RMS} 100 Ω 12.5 pf/ft @1 kHz 22 pf/ft @1 kHz,	/EU regarding th ctrical and electr of Manufacture. materials used alifornia Propos ter purposes only) z, Nominal Nominal °C, Nominal	ne restr ronic e in the r	riction o quipme manufa	of use ent. C	of certain haz onsult Alpha	zardous Wire's web s	site fo
-	4) Phy 1) 2) 3) Ele 1) 2) 3) 4) 5)	California Proposition 65: ysical & Mechanical Propert Temperature Range Bend Radius Pull Tension ectrical Properties Voltage Rating Characteristic Impedance Mutual Capacitance Ground Capacitance Conductor DCR	All materials used Directive 2002/95. substances in electromyliance Date of The outer surface requirements of C ties -20 to 75°C 10X Cable Diame 84 Lbs, Maximum (For Engineering 300 V_{RMS} 100 Ω 12.5 pf/ft @1 kHz, 26 Ω /1000ft @20	/EU regarding th ctrical and electr of Manufacture. materials used alifornia Propos ter purposes only) z, Nominal Nominal °C, Nominal 20°C, Nominal	ne restr ronic e in the r	riction o quipme manufa	of use ent. C	of certain haz onsult Alpha	zardous Wire's web s	site fo

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: 6321	Issue:	4
Page 2 of 2 Pages	Issue Date: Effective Date:	5/26/2005 8/1/2005
		0/1/2000

- E. Other
 - 1) Packaging

a) 1000 FT

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.