## ALPHA WIRE COMPANY CUSTOMER PRODUCT SPECIFICATION

Part Number: 6324 Page 1 of 2 Pages			Issue: 4 Issue Date: 5/26/2005 Effective Date: 8/1/2005		4 e: 5/26/2005
Α.		Component 1 a) Conductor b) Insulation (1) Color Code	15 X 1 PAIR 24 (7/32) AWG TC 0.019" Wall, Nom. Polyetl Alpha Wire Color Code A		Diameters 0.062
		Pair         Color           1         BLACK-RED           2         BLACK-WHITE           3         BLACK-GREEN           4         BLACK-BLUE           5         BLACK-BROWN	Pair         Color           6         BLACK-YELLOW           7         BLACK-ORANGE           8         RED-GREEN           9         RED-WHITE           10         RED-BLUE	Pair 11 12 13 14 15	Color RED-YELLOW RED-BROWN RED-ORANGE GREEN-BLUE GREEN-WHITE
	2) 3) 4)	<ul> <li>a) Twists:</li> <li>Shield:</li> <li>a) Foil Direction</li> <li>b) Drain Wire</li> <li>c) Braid</li> </ul>	2/Cond Cabled Together 6.9 Twists/foot (min) Foil Free Alum/Mylar Tap Foil Facing In 24 (7/32) AWG TC 15 Components Cabled 1.5 Twists/foot (min) Alum/Mylar Tape, 25% O Foil Facing Out 24 (7/32) AWG TC TC,65% Coverage, Min. 0.063" Wall, Nom.,PVC GRAY ALPHA WIRE-* P/N 6324 SHIELDED 75C (UL) TYP CSA TYPE CMH FT1	verlap, Min. • 15PR 24 AWG	0.687 (0.715 Max.)
в.		dustry Approvals UL	[Note: Product may have c(UL) AWM/STYLE2493 CM VW-1	or CSA markings de 60°C 75°C	pending upon plant of manufacture.]
	2)	CSA International	CMH	60°C	
	3)	EU Directive 2002/95/EC	· /	<b>.</b> .	
	4)	California Proposition 65	Directive 2002/95/EU reg substances in electrical a web site for compliance D	arding the restric nd electronic eq Date of Manufact als used in the m	anufacture of this part meet the
C.		nysical & Mechanical Pro	perties		
D.	1) 2) 3) <b>Ele</b> 1) 2)	Bend Radius	-20 to 75°C 10X Cable Diameter 171 Lbs, Maximum (For Engineering purpose 300 V <sub>RMS</sub> e 100 Ω	es only)	
and spe Alpl stat exe	spec cifica na pr utory mpla ligen	Alpha Wire Company ("Alpha") cifications described herein are s ations does not ensure product a rovides the information and speci y or implied. In no event will Alpha ary damages) whatsoever, even it	makes every reasonable effort to o ubject to error or omission and to vailability. fications herein on an "AS IS" basi a be liable for any damages (incluo f Alpha has been advised of the po	change without notic is, with no represent ling consequential, i ossibility of such dan	ey at the time of this publication, information be, and the listing of such information and ations or warranties, whether express, ndirect, incidental, special, punitive, or hages, whether in an action under contract, he information or specifications described

herein.

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Page 2 of 2 Pages	Issue Date:	5/26/2005			
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- 3) Mutual Capacitance 12.5 pf/ft @1 kHz, Nominal
- 4) Ground Capacitance 22 pf/ft @1 kHz, Nominal
- 5) Conductor DCR 26 Ω/1000ft @20°C, Nominal
- 6) Ind. Shield DC Resistance 19.8 Ω/1000ft @20°C, Nominal
- 7) OA Shield DCR 2.1 Ω/1000ft @20°C, Nominal

## E. Other

- 1) Packaging
  - a) 1000 FT
  - b) 500 FT
  - c) 100 FT

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