ALPHA WIRE COMPANY CUSTOMER PRODUCT SPECIFICATION

Part Number: 86706CY Page 1 of 2 Pages				Issue: 10 Issue Date: 7/7/2009 Effective Date: 7/21/2009					
Α.	Со		uction				Diameters (In)		
	1)	Cor a) b)	mponent 1 Conductor Insulation (1) Color Code	6 X 1 PAIR 22 (19/34) AWG TC 0.010" Wall, Nom. PVC, Sem Alpha Wire Company Color C	•		0.052		
			Pair Color	Pair Color	Pa				
			1 BLACK-RED 2 BLACK-WHITE	3 BLACK-GREEN 4 BLACK-BLUE	5		K-BROWN K-YELLOW		
	2)	,	Pair (1) Twists: ble Assembly	2/Cond Cabled Together 9.6 Twists/foot (min) 6 Components Cabled					
	2)	a)	Twists:	4.0 Twists/foot (min)					
	3)	b) Shi	Core Wrap	Nonwoven Polyester Tape, 25 Flex Alum/Mylar Tape, 25% 0					
	0)	a)	Foil Direction	Foil Facing Out					
		b)	Drain Wire	26 (7/34) AWG TC					
	4)	c) Jac	Braid ket	TC,85% Coverage, Min. 0.040" Wall, Nom.,PVC			0.377+/- 0.018		
	,	a)	Color(s)	SLATE					
		b) c)	Jacket Separator Print	Tissue Tape, 25% Overlap, M ALPHA WIRE-* P/N 86706CY XTRAGUARD CONTINUOUS (UL) 105C TYPE CM C(UL 105C 300V LLXXXXXX CS 300V CE ROHS <	6PR 22 AW FLEX DAT) CMG OR A	A CABLE AWM 266 A/B FT4	1 105C		
				* = Factory Code					
P	Ind	luctr	y Approvals	[Note: Product may have c(UL) o	r CSA marking	gs dependi	ng upon plant of manufacture.j]	
Б.	1)	UL	y Approvais						
			Component 1	AWM/STYLE 10002		300 V _{RMS}			
		b)	Overall	AWM/STYLE 2661 CM	105°C7 105°C	300 V _{RMS}			
	2)	CS	A International	AWM I/II A/B C(UL) TYPE CMG FT4		300 V _{RMS}			
_	3)	CE		LVD 73/23/EEC Amendment	93/68/EEC				
C.	 Environmental Approvals EU Directive 2002/95/EC(RoHS): 								
	2)		ifornia Proposition 65:	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.					
	2)	Cai		The outer surface materials used in the manufacture of this part meet the requirements of California Proposition 65.					
D.			al & Mechanical Prope	erties	•				
	1) 2)		nperature Range nd Radius	-10 to 105°C(static), +5 to 108 10X Cable Diameter(static), 1			(namic)		
	2) 3)	Pul	I Tension	80 Lbs, Maximum					
-	4)		nlight Resistance	Yes					
Е.	Ele 1)		al Properties tage Rating	(For Engineering purposes o 300 V _{RMS}	niy)				
	2)	Mut	tual Capacitance	26 pf/ft @1 kHz, Nominal					
	3)		ound Capacitance	47 pf/ft @1 kHz, Nominal					
Altho	ough <i>i</i> cribed	Alpha hereir	Wire Company ("Alpha") mak n are subject to errors or omis	es every reasonable effort to ensure their sions and to changes without notice, and	accuracy at the the listing of suc	time of publi h informatio	cation, information and specification and specifications and specifications does not ensure	ons ire	
prod Alph no e beer	luct av la provi vent v n advis	vailabi vides t will Alp sed of	lity. the information and specificat oha be liable for any damages the possibility of such damag	ions herein on an "AS IS" basis, with no re (including consequential, indirect, inciden les, whether in an action under contract, n	presentations or tal, special, puni	warranties, itive, or exer	whether express, statutory or impl nplary) whatsoever, even if Alpha h	lied. In has	
use,	or ina	adility	to use, the information or spe	cifications described herein.					

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- 4) Characteristic Impedance 73 Ω
 - 0.17 µH/ft, Nominal
 - Inductance Conductor DCR
- 15.6 Ω/1000ft @20°C, Nominal
- 3.1 Ω/1000ft @20°C, Nominal

F. Other

5)

6)

1) Packaging

7) OA Shield DCR

- 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.

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