CUSTOMER PRODUCT SPEC Part Number: 76001 Page 1 of 2 Pages							Issue: Issue Date: Effective Date:		2 4/18/2012 4/24/2012	
Α.	Со	nstru	iction						Diameters (ln)
	1)	Cor	nponent 1	4 X 1 PAIR						
		a)	Conductor	24 (SOLID) AV	NG BC				0.021	
		b)	Insulation	0.009" Wall, N	lom. FEP				0.039	
			(1) Color(s)							
			Pair Color	Pair	Color		Pair	Color	NUTION	
			1 BLU - WHT/BLU 4 BRN –WHT/BRN	2	ORG – WHT/ORG		3	GRN –	WHT/GRN	
		c)	Pair	2/Cond Cable	d Together					
		0)	(1) Lay Length:	Various Lay	u rogether					
	2)	Cah	ble Assembly		s Bunch Cabled					
	-)	a)	Twists:	4.0 Twists/foot						
					ape, 25% Overlap	. Min				
	3)	Shie			ape, 25% Overlap					
	-,		Foil Direction	Foil Facing In	, ., c up	,				
			Drain Wire	24 (7/32) AWO	ЭТС					
	4)	Jac		0.035 Wall, No					0.300 (0.3	20 Max.)
	,		Color(s)	BLACK					(,
			Ripcord	Nylon						
			_ 1 .	ALPHA WIRE	-* P/N 76001 4PF	24 AW	/G			
		-		XTRA-GUARE	D(R) INDUSTRIAL	ETHE	RNET (UL) C	(UL) TYPE	
				CMR 105C FT4 ANSI/TIA-568-C.2 CAT5E VERIFIED						
				ROHS (SEQUENTIAL FC	OTAG	E MARI	(ING)		
				* = Factory Co	ode					
В.			ble Specifications							
	1)	UL		CMR		105°	С			
	C `	~~~		FT4		40-0	~			
	2)	CSA	A International	C(UL) TYPE C	CMR	105°	C			
	2	0-		FT4			~			
~	3) Em	CE:		LVD 73/23/EE	C Amendment 93	08/EE	C			
6.			mental Compliance							
	1)	ΕU	Directive 2002/95/EC(R		and in the manuf	oturo o	nd noc	vogin~	of this part must	most the
					sed in the manufa f EU Directive 200					
					ostances in electri					
n	Phy	vsica	I & Mechanical Proper				electio	nic eq		
	1)		nperature Range	-50 to 125°C						
	2)		nd Radius	8X Cable Diar	neter					
	3)		Tension	29.0 Lbs, Max						
	4)		light Resistance	Yes						
Ε.			al Properties		ring purposes only	/)				
-	1)		age Rating	300 V _{RMS}	5 F F F F F F F F F F F F F F F F F F F	, ,				
	2)		aracteristic Impedance	100 Ω +/- 15	5					
	3)		ual Capacitance	5.6 nF/100m						
	4)		ocity of Propagation	70 % Nom.						
	5)		nductor DCR	9.38 Ω/100m	Max					
	6)	Ske		45 ns/100m N	Лах					
	7)		r to Ground Unbalance	330 pF/100m						
	8)́		Unbalance of a Pair	5% Max						
	,									

ALPHA WIRE CUSTOMER PRODUCT SPECIFICATION

authorization of the Alpha Wire Engineering Department. All finished products will be inspected to the specification and noncompliance or unauthorized deviations will be cause for rejection and return of product. If vendor certifying agency requirements are in conflict with this document, it is incumbent upon the vendor to notify the Alpha Wire Engineering Department and mark up differences on this document and submit them for review and approval prior to any production. Be advised that product legend

information and product legend information and product label information must be in concert; both are the responsibility of the vendor. It is the responsibility of the vendor to insure that this product meets the requirements of subservient certifying agency documents even though they are not directly noted herein.

All information contained herein is confidential. Its use is restricted to authorized Alpha Wire Company personnel or authorized vendors of the Alpha Wire Company. Under no circumstances shall this document be duplicated in any form or shown to/discussed with unauthorized personnel without the expressed written consent of the Alpha Wire Engineering Department.

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Part Number: 76001 Page 2 of 2 Pages		Issue: Issue Date: Effective Date:	2 4/18/2012 4/24/2012	
9) Insertion Loss	2.4 (Max dB/100m) @ 1 MHz 4.9 (Max dB/100m) @ 4 MHz 6.9 (Max dB/100m) @ 8 MHz 7.8 (Max dB/100m) @ 10 MHz 9.9 (Max dB/100m) @ 16 MHz 11.1 (Max dB/100m) @ 20 MHz 12.5 (Max dB/100m) @ 25 MHz 14.1 (Max dB/100m) @ 31.25 MHz 20.4 (Max dB/100m) @ 62.5 MHz 26.4 (Max dB/100m) @ 100 MHz	z MHz Hz		
F. Other	(((((((((((((((((((((((((((((((((
1) Packaging a) 1000 FT b) 500 FT	Flange x Traverse x Barrel (inch 18 x 10.5 x 8 Continuous lengt 12.5 x 9 x 8 Continuous length [Spool dimensions may vary slightly]	h		

ALPHA WIRE CUSTOMER PRODUCT SPECIFICATION

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