				CUSTOMER PRODUCT SPE						
Part Number: 75002 Page 1 of 2 Pages					Issue: Issue Date: Effective Date:	2 4/18/2012 4/24/2012				
Α.	Co	nstru	uction			Diameters (In)				
	1)		mponent 1	2 X 1 PAIR						
		a)	Conductor	24 (SOLID) AWG BC		0.023				
		b)	Insulation	0.011" Wall, Nom. FEP		0.045				
			(1) Color(s)							
			Pair Color	Pair Color	Pair Color					
			1 BLU - WHT/BLU	2 ORG – WHT/ORG						
		C)	Pair	2/Cond Cabled Together						
		-,	(1) Lay Length:	Various Lay						
	2)	Cat	ole Assembly	2 Components Bunch Cabled						
	,		Twists:	3.0 Twists/foot						
		b)	Core Wrap:	Clear Mylar Tape, 25% Overlap	, Min.					
	3)	Shi		A/P/A Tape, 25% Overlap, Min.						
		a)	Drain Wire	26 (SOLID) AWG TC						
		b)	Braid	TC,70% Coverage, Min.						
	4)	Jac	ket	0.035 Wall, Nom. TPE		0.325 (0.345 Max.)				
			Color(s)	BLACK						
		b)	Ripcord	Nylon						
		C)	Print	ALPHA WIRE-* P/N 75002 2PR						
				XTRA-GUARD(R) INDUSTRIAL						
				CMR 105C FT4 ANSI/TIA-568-0		)				
					OTAGE MARKING)					
-	A		his Cussifications	* = Factory Code						
в.		UL	ble Specifications	CMR	105°C					
	1)	UL		FT4	105 C					
	2)	CS	A International	C(UL) TYPE CMR	105°C					
	-)	00		FT4	100 0					
	3)	CE		LVD 73/23/EEC Amendment 93	/68/EEC					
C.		Environmental Compliance								
	1)									
			of this part must meet the							
	requirement of EU Directive 2002/95/EU regarding the restriction of use of certa									
_				hazardous substances in electri	cal and electronic eq	uipment.				
D.	-		al & Mechanical Proper							
	1)		nperature Range	-50 to 125°C						
	2)		nd Radius	8X Cable Diameter						
	3)		I Tension	21.1 Lbs, Maximum						
F	4) 510		nlight Resistance al Properties	Yes (For Engineering purposes only	ı)					
Ľ.	1)		tage Rating	300 V <sub>RMS</sub>	()					
	2)		aracteristic Impedance	100 Ω +/- 15						
	2) 3)		tual Capacitance	5.6 nF/100m Max						
	4)		ocity of Propagation	70 % Nom.						
	5)		nductor DCR	9.38 Ω/100m Max						
	6)	Ske		45 ns/100m Max						
	7)		r to Ground Unbalance	330 pF/100m Max						
	• /									
	8)	DC	Unbalance of a Pair	5% Max						

## ALPHA WIRE CUSTOMER PRODUCT SPECIFICATION

This specification outlines the requirements for the product(s) described herein. Deviations from this specification are not permitted without the written 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 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 finformation 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: 75002 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 MH 12.5 (Max dB/100m) @ 25 MH 14.1 (Max dB/100m) @ 31.25 M 20.4 (Max dB/100m) @ 62.5 M 26.4 (Max dB/100m) @ 100 MH	z z MHz Hz		
F. Other				
1) Packaging a) 1000 FT b) 500 FT	Flange x Traverse x Barrel (inche 18 x 10.5 x 8 Continuous lengt 12.5 x 9 x 8 Continuous length [Spool dimensions may vary slightly]	h		

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