				CUSTOMER PR	ODUCT SPEC	<u>IFICATIO</u>	<u>N</u>			
			er: 75010 2 Pages			Issue: Issue Dat Effective		2 4/18/2012 4/24/2012		
Α.	Co 1)		uction mponent 1 Conductor Insulation (1) Color(s)	2 X 1 PAIR 24 (SOLID) AWG 0.008" Wall, Nom.		(PP)		<u>Diameters (In)</u> 0.021 0.036		
	2) 3)	Cal a) b) Jac	Color(s)	2/Cond Cabled To Various Lay 2 Components Bu 2.4 Twists/foot Clear Mylar Tape, 0.035 Wall, Nom. BLACK Nylon ALPHA WIRE-* P/ XTRA-GUARD(R)	s-whtrong ogether nch Cabled 25% Overlap, N TPE /N 75010 2PR 2 INDUSTRIAL E	4 AWG ETHERNET		0.260 (0.280 Max.) (UL) TYPE		
в.			ble Specifications	* = Factory Code	QUENTIAL FOO	TAGE MAF				
	1) 2)	UL	A International	CMR FT4 C(UL) TYPE CMR		75°C 75°C				
•	ý 3)	CE	:	FT4 LVD 73/23/EEC A						
υ.			mental Compliance Directive 2002/95/EC(I	AND COHS): All materials used in the manufacture and packaging of this part must meet the requirement of EU Directive 2002/95/EU regarding the restriction of use of certain hazardous substances in electrical and electronic equipment.						
D.	1) 2) 3)	Ter Ber Pul	al & Mechanical Prope nperature Range nd Radius I Tension nlight Resistance		er		· - ٦			
E.		Ctric Vol Cha Mu Vel Cor Ske Pai DC	al Properties tage Rating aracteristic Impedance tual Capacitance ocity of Propagation nductor DCR	(For Engineering 300 V_{RMS} 100 Ω +/- 15 5.6 nF/100m Max 70 % Nom. 9.38 Ω /100m Max 45 ns/100m Max 330 pF/100m Ma 5% Max 2.4 (Max dB/100r 4.9 (Max dB/100r 6.9 (Max dB/100r	x x n)@1MHz n)@4MHz					

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.

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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F. Other	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		
1) Packaging a) 1000 FT b) 500 FT	Flange x Traverse x Barrel (inches) 18 x 10.5 x 8 Continuous length 12.5 x 9 x 8 Continuous length [Spool dimensions may vary slightly]		

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