ALPHA WIRE COMPANY CUSTOMER PRODUCT SPECIFICATION

Part Number: 58431 Page 1 of 1 Pages				Issue: Issue Date: Effective Date:	5 5/26/2005 8/1/2005
A.	Construction		Diameters		
	 Component 1 Conductor Insulation		2 X 1 COND 18 (7/.0152) AWG BC 0.009" Wall, Nom. PVC, F Alpha Wire Color Code D		0.064
		Cond Color 1 BLACK	Cond Color 2 WHITE	Cond Color	
	2)	Cable Assembly a) Twists:	2 Components Cabled 4.8 Twists/foot (min)		
	3)	,	Alum/Mylar Tape, 25% Ov Foil Facing Out 22 (7/30) AWG TC	verlap, Min.	
	4)	Jacket a) Color(s) b) Print	0.015" Wall, Nom., PVC, F GRAY ALPHA WIRE-* P/N 5843 SHIELDED (UL) TYPE CI FT6 ROHS * = Factory Code [Note: Product may have c(UL)	1 2/C 18 AWG .2P LLXXXXXX CS	
8.		dustry Approvals	[с. с.с	g -p p
		UL CSA International	CL2P CMP FT6	60°C 60°C	
	3)	EU Directive 2002/95/EC	All materials used in the n	arding the restriction on the electronic equipment of thel	rt are in compliance with E of use of certain hazardous ent. Consult Alpha Wire's
	4)	California Proposition 65:	The outer surface materia requirements of California	Is used in the manufa	acture of this part meet the
) .	Ph	ysical & Mechanical Pro	•	•	
-	2) 3)	Pull Tension	-20 to 60°C 10X Cable Diameter 31 Lbs, Maximum		
).	1) 2) 3) 4) 5) 6)	ectrical Properties Voltage Rating Capacitance Ground Capacitance Characteristic Impedance Inductance Conductor DCR OA Shield DCR	 (For Engineering purpose 150 V_{RMS} 67 pf/ft @1 kHz, Nominal 121 pf/ft @1 kHz, Nominal 32 Ω 0.15 μH/ft, Nominal 6.6 Ω/1000ft @20°C, Nor 11.7 Ω/1000ft @20°C, Nor 	Conductor to Conduc al ninal	ctor
E.	Ótł	her Packaging a) 1000 FT b) 500 FT			

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