ALPHA WIRE CUSTOMER PRODUCT SPECIFICATION

	rt Number: 6831 ge 1 of 1 Pages	Issue: 1 Issue Date: 5/27/2011 Effective Date: 5/27/2011
Α.	Construction 1) Component 1	1 X 1 HOOKUP
	a) Conductor	10 (19/23) AWG BC 0.113
	b) Insulation	0.017" Wall, Nom. Modified Polyphenylene Ether 0.147+/- 0.002
	(1) Print	ALPHA WIRE ECOWIRE TM P/N 6831 10AWG (5.00MM2) 110C 300V ROHS CE
	(2) Color(s)	WHITE, BLACK, RÉD, GREEN, YELLOW, BLUE, BROWN ORANGE, GREEN/YELLOW
В.	Applicable Specifications	
	1) Other	Halogen-Free
		Suitable for ISO 6722 60 V _{RMS}
	2) CE:	LVD 73/23/EEC Amendment 93/68/EEC
C.	Environmental Compliance	
	1) EU Directive 2002/95/EC(R	
		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) REACH Regulation (EC 190	
	2) REACTINEGUIAION (EC 13)	This product does not contain any of the substances listed on the European Union
		REACH Substance of Very High Concern (SVHC) candidate list, dated 30 March
		2010, in excess of a concentration of 0.1% weight/weight.
D.	Physical & Mechanical Proper	
	1) Temperature Range	-40 to 110°C
	2) Bend Radius	10X Cable Diameter
	3) Pull Tension	76 Lbs, Maximum
Ε.	Electrical Properties	(For Engineering purposes only)
	 Voltage Rating 	300 V _{RMS}
	2) Inductance	0.03 μH/ft, Nominal
	Conductor DCR	1.09 Ω/1000ft @20°C, Nominal
F.	Other	
	1) Packaging	Flange x Traverse x Barrel (inches)
	a) 1000 FT	12 x 4.5 x 3.5 Continuous length
	b) 100 FT	6.5 x 3 x 3.25 Continuous length
	c) Bulk(Made-to-order)	[Spool dimensions may vary slightly]
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