



Customer Specification

PART NO. 1180L

ProductConstruction

		Diameters (In)			
1) Component 1		10 X 1 COND			
a) Conductor		22 (7/30) AWG TC		0.030	
b) Insulation		0.010" Wall, Nom. Low Smoke Zero Halogen (LSZH)		0.049	
(1) Color Code		Alpha Wire Color Code D			
Cond	Color	Cond	Color	Cond	Color
1	BLACK	5	ORANGE	9	VIOLET
2	RED	6	BLUE	10	SLATE
3	WHITE	7	BROWN		
4	GREEN	8	YELLOW		
2) Cable Assembly		10 Components Cabled			
a) Twists:		4.0 Twists/foot (min)			
3) Jacket		0.025" Wall, Nom., Low Smoke Zero Halogen (LSZH)		0.250 (0.265 Max.)	
a) Color(s)		SLATE			
b) Print		ALPHA WIRE-* P/N 1180L 10C 22 AWG EXXXXXX 75C (UL) TYPE CMG-LS OR 75C C(UL) TYPE CMG-LS LSZH CE ROHS * = Factory Code <i>[Note: Product may have c(UL) or CSA markings depending upon plant of manufacture.]</i>			

ProductIndustryApprovals

1) UL	CMG	75°C
2) CSA International	FT4	
	C(UL) TYPE CMG	75°C
3) CE:	EU Low Voltage Directive 2006/95/EC	

ProductEnvironmental

1) CE: EU Directive 2011/65/EU(RoHS2):	
	This product complies with European Directive 2011/65/EU (RoHS Directive) of the European Parliament and of the Council of 8 June 2011. No Exemptions are required for RoHS Compliance on this item. Consult Alpha Wire's web site for RoHS C of C.
2) REACH Regulation (EC 1907/2006):	
	This product does not contain Substances of Very High Concern (SVHC) listed on the European Union's REACH candidate list in excess of 0.1% mass of the item. For up-to-date information, please see Alpha's REACH SVHC Declaration.

Product Properties

Physical & Mechanical Properties	
1) Temperature Range	-20 to 75°C
2) Bend Radius	10X Cable Diameter
3) Pull Tension	55 Lbs, Maximum
Electrical Properties (For Engineering purposes only)	
1) Voltage Rating	300 V _{RMS}
2) Capacitance	26 pf/ft @1 kHz, Nominal Conductor to Conductor
3) Inductance	0.17 µH/ft, Nominal
4) Conductor DCR	16.4 Ω/1000ft @20°C, Nominal

Product Other

Packaging	Flange x Traverse x Barrel (inches)
a) 1000 FT	12 x 12 x 3.5 Continuous length
b) 500 FT	12 x 6 x 3.5 Continuous length
c) 100 FT	12 x 4.5 x 3.5 Continuous length
d) Bulk(Made-to-order)	
	<i>[Spool dimensions may vary slightly]</i>
Notes:	
a) Flammability - Passes IEC 60332-1	
b) Acid Gas Generation - Passes IEC 60754-1 and 60754-2	
c) Smoke Emission - Passes IEC 61034-2	

www.alphawire.com

Alpha Wire | 711 Lidgerwood Avenue, Elizabeth, NJ 07207
Tel: 1-800-52 ALPHA (25742)

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符合性证明

敬启者：

Alpha Wire 部件号：1180L

1180L，符合RoHS标准，以 3/1/2009 的生产为开始

兹通过本文件证明上述 Alpha 部件号的产品系根据欧洲议会和欧洲理事会2003年1月27日第2002/95/EC号关于在电气电子设备中限制使用某些有害物质的指令（即RoHS指令）而制造。关于所述指令的具体定义和范围，请参见所述指令。**对该产品的RoHS符合性不需任何豁免。**

危险物质

铅
汞
镉
六价铬
聚溴联苯 (PBB)
聚溴二苯醚 (PBDE)
台卡二苯醚

最大控制值

按重量计算不得超过0.1% (1000 ppm)
按重量计算不得超过0.1% (1000 ppm)
按重量计算不得超过0.01% (100 ppm)
按重量计算不得超过0.1% (1000 ppm)
按重量计算不得超过0.1% (1000 ppm)
按重量计算不得超过0.1% (1000 ppm)

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5/25/2014