



Customer Specification

PART NO. 86706CY

ProductConstruction

		Diameters (In)			
1) Component 1		6 X 1 PAIR			
a) Conductor		22 (19/34) AWG TC		0.032	
b) Insulation		0.010" Wall, Nom. PVC, Semi Rigid		0.052	
(1) Color Code		Alpha Wire Color Code A			
Pair	Color	Pair	Color	Pair	Color
1	BLACK-RED	3	BLACK-GREEN	5	BLACK-BROWN
2	BLACK-WHITE	4	BLACK-BLUE	6	BLACK-YELLOW
c) Pair		2/Cond Cabled Together			
(1) Twists:		9.6 Twists/foot (min)			
2) Cable Assembly		6 Components Cabled			
a) Twists:		4.0 Twists/foot (min)			
b) Core Wrap		Nonwoven Polyester Tape, 25% Overlap, Min.			
3) Shield:		Flex Alum/Mylar Tape, 25% Overlap, Min.			
a) Foil Direction		Foil Facing Out			
b) Drain Wire		26 (7/34) AWG TC			
c) Braid		TC,85% Coverage, Min.			
4) Jacket		0.040" Wall, Nom.,PVC		0.377+/- 0.018	
a) Color(s)		SLATE			
b) Jacket Separator		Tissue Tape, 25% Overlap, Min.			
c) Print		ALPHA WIRE-* P/N 86706CY 6PR 22 AWG XTRAGUARD(R) CONTINUOUS FLEX DATA CABLE (UL) 105C TYPE CM --- C(UL) CMG OR AWM 2661 105C 300V --- LLXXXXXX CSA AWM I/II A/B FT4 105C 300V CE ROHS (SEQ FOOTAGE) * = Factory Code <i>[Note: Product may have c(UL) or CSA markings depending upon plant of manufacture.]</i>			

ProductIndustryApprovals

1) UL		
a) Component 1	AWM/STYLE 10002	105°C / 300 V _{RMS}
b) Overall	AWM/STYLE 2661	105°C / 300 V _{RMS}
	CM	105°C
2) CSA International	AWM I/II A/B	105°C / 300 V _{RMS}
	C(UL) TYPE CMG	105°C
	FT4	
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.
3) California Proposition 65:	
	The outer surface materials used in the manufacture of this part meet the requirements of California Proposition 65.

ProductProperties

Physical & Mechanical Properties	
1) Temperature Range	-10 to 105°C(static), +5 to 105°C (dynamic)
2) Bend Radius	10X Cable Diameter(static), 15X Cable Diameter(dynamic)
3) Pull Tension	80 Lbs, Maximum
4) Sunlight Resistance	Yes
Electrical Properties (For Engineering purposes only)	
1) Voltage Rating	300 V _{RMS}
2) Mutual Capacitance	26 pf/ft @1 kHz, Nominal
3) Ground Capacitance	47 pf/ft @1 kHz, Nominal
4) Characteristic Impedance	73 Ω
5) Inductance	0.17 μH/ft, Nominal
6) Conductor DCR	15.6 Ω/1000ft @20°C, Nominal
7) OA Shield DCR	3.1 Ω/1000ft @20°C, Nominal

ProductOther

Packaging	Flange x Traverse x Barrel (inches)
a) 1000 FT	20 x 11 x 8 Continuous length
b) 500 FT	16 x 11 x 8 Continuous length
c) 100 FT	12 x 10 x 5 Continuous length
	<i>[Spool dimensions may vary slightly]</i>

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符合性证明

敬启者：

Alpha Wire 部件号：86706CY

86706CY，符合RoHS标准，以 8/1/2005 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)
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