

Customer Specification

PART NO. B953021

Construction

				Diameters (I	n)	
1) Component 1	2 X 1 COND					
a) Conductor	24 (7/32) AWG Tinned Copper			0.024	0.024	
b) Insulation	0.010" Wall, Nom. PVC, Semi Rigid			0.044	0.044	
(1) Color Code	Alpha Wire Color Code E					
Cond	Color	Cond	Color	Cond	Color	
1	BLACK	2	BROWN			
2) Cable Assembly	2 Components Cabled					
a) Twists:	9.6 Twists/foot (min)					
b) Orientation:	Components to be arranged from INSIDE LAYER to OUTSIDE LAYER			'ER		
c) Core Wrap	Clear Mylar Tape, 25% Overlap, Min.					
3) Jacket	0.032" Wall, Nom.,PVC		0.155 (0.165 N	0.155 (0.165 Max.)		
a) Color(s)	GREY					
b) Ripcord	1 End 810 Denier Nyloi	า				
c) Print	ALPHA WIRE-* P/N B95 0.23MM2 (24AWG) (UL VW-1 LLXXXXXX CS ROHS (SEQ METERS) * = Factory Code [Note: Product may hav) TYPE CM 105C A 105C TYPE CN		plant of manufacture	J	

Applicable Specifications

1) UL		
a) Component 1	AWM/STYLE 10002	105°C / 300 V _{RMS}
b) Overall	AWM/STYLE 2464	80°C / 300 V _{RMS}
	СМ	105°C
	VW-1	
2) CSA International	CMG	105°C
	FT4	
3) IEC	EN 60332-1 Flame Behavior	
	EN 60332-2 Flame Behavior	
4) CE:	EU Low Voltage Directive 2014/35/EU	

Environmental

the Counc required fo	uct complies with European Directive 2011/65/EU (RoHS Directive) of the European Parliament and of cil of 8 June 2011 and the amending Directive 2015/863/EU of 4 June 2015 . No Exemptions are for RoHS Compliance on this item.	
2) REACH Regulation (EC 1907/2006		
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II :	uct does not contain Substances of Very High Concern (SVHC) listed on the European Union's REACH list in excess of 0.1% mass of the item.	

Properties

Physical & Mechanical Properties		
1) Temperature Range	-30 to 105°C	
2) Bend Radius	10X Cable Diameter	
3) Pull Tension	7 Lbs, Maximum	
4) Sunlight Resistance	Yes	
Electrical Properties	(For Engineering purposes only)	
1) Voltage Rating	300 V _{RMS}	
2) Capacitance	21.2 pF/ft @1 kHz, Nominal Conductor to Conductor	
3) Characteristic Impedance	87 Ω	
4) Inductance	0.19 μH/ft, Nominal	
5) Conductor DCR	25 Ω/1000ft @20°C, Nominal	

Other

Packaging	Flange x Traverse x Barrel (inches)	
a) 3280 FT	18 x 9 x 8 Continuous length	
b) 1640 FT	12 x 10.5 x 5 Continuous length	
c) 328 FT	6.5 x 6 x 1.9 Continuous length	
d) 164 FT	6.5 x 4 x 2.5 Continuous length	
	[Spool dimensions may vary slightly]	

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EU/UK/China ROHS CERTIFICATE OF COMPLIANCE

To Whom It May Concern:

Alpha Wire Part Number: B953021

B953021, RoHS-Compliant Commencing With 10/15/2010 Production

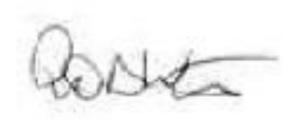
Note: all colors and put-ups

This document certifies that the Alpha part number cited above, including all packaging materials, is manufactured in accordance with Directive 2011/65/EU of the European Parliament, better known as the RoHS Directive (commonly known as RoHS 2), with regards to restrictions of the use of certain hazardous substances used in the manufacture of electrical and electronic equipment. This certification extends to amending Directive 2015/863/EU which expanded the list of restricted substances to 10 items (commonly known as RoHS 3). This product also complies with UK - RoHS. The reader is referred to these Directives for the specific definitions and extents of the Directives. **No Exemptions are required for RoHS Compliance on this item**. Additionally, Alpha certifies that the listed part number is in compliance with China RoHS "Marking for Control of Pollution by Electronic Information Products" standard SJ/T 11364-2014. This product is also in compliance with China RoHS 2 per GB/T 26572-2011.

Substance	Maximum Control Value
Lead	0.1% by weight (1000 ppm)
Mercury	0.1% by weight (1000 ppm)
Cadmium	0.01% by weight (100 ppm)
Hexavalent Chromium	0.1% by weight (1000 ppm)
Polybrominated Biphenyls (PBB)	0.1% by weight (1000 ppm)
Polybrominated Diphenyl Ethers (PBDE),	
Including Deca-BDE	0.1% by weight (1000 ppm)
Bis(2-ethylhexyl) phthalate (DEHP)	0.1% by weight (1000 ppm)
Butyl benzyl phthalate (BBP)	0.1% by weight (1000 ppm)
Dibutyl phthalate (DBP)	0.1% by weight (1000 ppm)
Diisobutyl phthalate (DIBP)	0.1% by weight (1000 ppm)

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Authorized Signatory for the Alpha Wire:



Dave Watson, Director of Engineering 4/18/2024

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单击下面可查看定价,库存,交付和生命周期等信息

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