

Customer Specification

PART NO. 9058X

Construction

						Diameters (In)		
1) Component 1						1 X 1 COAX		
a) Conductor						20 (SOLID) AWG Bare Copper		0.033
b) Insulation						0.042" Wall, Nom. Polyethylene(PE)		0.116
(1) Color(s)								
Cond	Color	Cond	Color	Cond	Color			
1	CLEAR							
2) Shield						Tinned Copper BRAID Shield,95% Coverage, Min.		
3) Jacket						0.028" Wall, Nom.,Type I PVC		0.195+/- 0.005
a) Color(s)						BLACK		
b) Print						ALPHA WIRE-* P/N 9058X 1C 20 AWG RG 58/U TYPE SHIELDED (UL) CMX C(UL) OR AWM STYLE 1354 CE ROHS * = Factory Code <i>[Note: Product may have c(UL) or CSA markings depending upon plant of manufacture.]</i>		

Applicable Specifications

1) UL	AWM/STYLE 1354	60°C / 30 V _{RMS}
	CMX	60°C
2) CSA International	C(UL) TYPE CMX	60°C
3) Military	JAN-C-17A / RG-58/U	
4) CE:	EU Low Voltage Directive 2014/35/EU	

Environmental

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1) CE: EU Directive 2011/65/EU(RoHS2), EU Directive 2015/863/EU (RoHS3):	
	This product complies with European Directive 2011/65/EU (RoHS Directive) of the European Parliament and of the Council of 8 June 2011 and the amending Directive 2015/863/EU of 4 June 2015 . No Exemptions are required for RoHS Compliance on this item.
2) California Proposition 65:	This product may contain substances known to the State of California to cause Cancer or Reproductive Harm, but is exempt from labeling based on the Consent Judgement. See the Alpha Wire website for more information.

Properties

Physical & Mechanical Properties	
1) Temperature Range	-20 to 60°C
2) Bend Radius	10X Cable Diameter
3) Pull Tension	12.7 Lbs, Maximum
Electrical Properties	
	(For Engineering purposes only)
1) Voltage Rating	1400 V _{RMS}
2) Characteristic Impedance	51.5 Ω +/- 1.5
3) Inductance	0.08 μH/ft, Nominal
4) Ground Capacitance	28.5 pF/ft @1 kHz, Nominal
5) Velocity of Propagation	66 %
6) Conductor DCR	10 Ω/1000ft @20°C, Nominal
7) OA Shield DCR	4.1 Ω/1000ft @20°C, Nominal
8) Voltage Withstanding	5 kVrms, Minimum
9) Corona Extinction	1.9 kVrms, Minimum
10) Attenuation, Max dB/100ft	11.7 @ 400 MHz

Other

Packaging	Flange x Traverse x Barrel (inches)
a) 1000 FT	12 x 10.5 x 5 Continuous length
b) BOX 1000FT	11-3/4 EASY REEL: Continuous length
c) BOX 500FT	7-5/8 EASY REEL: Continuous length
d) 500 FT	10.5 x 5 x 3.5 Continuous length
e) 100 FT	6.5 x 4 x 2.5 Continuous length
	<i>[Spool dimensions may vary slightly]</i>

www.alphawire.com

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EU/UK/China ROHS CERTIFICATE OF COMPLIANCE

To Whom It May Concern:

Alpha Wire Part Number: 9058X

9058X, RoHS-Compliant Commencing With 9/1/2005 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 6/13/2026

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