

Customer Specification

PART NO. 9062AC

Construction

		Diameter ("in")				
1) Component 1		1 x 1 COAX				
a) Conductor		22 (SOLID) AWG BCW				0.025
b) Insulation		Semi-Solid Type A				
(1) Thread		0.035" Polyethylene 1/2" lay				
(2) Dielectric		0.025" Wall, Nom. Polyethylene (PE)				0.146+/- 0.005
(3) Color(s)						
Cond	Color	Cond	Color	Cond	Color	
1	NATURAL					
2) Shield		BC BRAID Shield, 95% Coverage (min.)				
3) Jacket		0.034" Wall, Nom. Type IIA PVC				0.242+/- 0.005
a) Color(s)		Slate, Black, Yellow, Orange, Blue, Green, Red, White				
b) Print		ALPHA WIRE-* P/N 9062AC RG 62A/U 1C 22 AWG SHIELDED (UL) TYPE CL2 OR AWM 1478 C(UL) CMH FT1 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 1478	60°C / 30 V _{RMS}
	CL2	60°C
2) CSA International	C(UL) TYPE CMH	60°C
3) Military	MIL-C-17A/30B, RG 62A/U	80°C / 750 V _{RMS}
4) CE	EU Low Voltage Directive 2006/95/EC	

Environmental

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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. Refer to the RoHS Certificate of Compliance .
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	Outer surface materials used in manufacturing this part meet the requirements of California Proposition 65.

Properties

Physical & Mechanical Properties	
1) Temperature Range	-20 to 80°C
2) Bend Radius	10X Cable Diameter
3) Pull Tension	12.4 lbs. max.
Electrical Properties	
	<i>Engineering purposes only</i>
1) Voltage Rating	750 V _{RMS}
2) Characteristic Impedance	93 ω +/- 5
3) Ground Capacitance	13.5 pf/ft @1 kHz, Nominal
4) Velocity of Propagation	83 %
5) Conductor DCR	41 ω /1000ft @20°C, Nominal
6) OA Shield DCR	2.6 ω /1000ft @20°C, Nominal
7) Voltage Withstanding	3 kV (min.)
8) Attenuation (max. dB/100ft)	8 @ 400 MHz
	13 @ 1 GHz

Other

Packaging	Flange x Traverse x Barrel (inches)
a) 2000 FT	18 x 12 x 8 Continuous Length
b) BOX 1000 FT	11-3/4 EASY REEL: Continuous Length
c) 1000 FT	12 x 10 x 5 Continuous Length
d) 500 FT	12 x 4.5 x 3.5 Continuous Length
e) 100 FT	6.5 x 4 x 2.5 Continuous Length
	<i>Spool dimensions may vary slightly.</i>

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EU/China ROHS CERTIFICATE OF COMPLIANCE

To Whom It May Concern:

Alpha Wire Part Number: 9062AC

9062AC, RoHS-Compliant Commencing With 01/11/2004 Production

Note: all colors and put-ups

This document certifies that the Alpha part number cited above is manufactured in accordance with Directive 2011/65/EU of the European Union (RoHS 2), with regards to restrictions of the use of certain hazardous substances used in the manufacture of electrical and electronic equipment. This document also certifies that the listed part number is in compliance with the list of restricted substances to 10 items (commonly known as RoHS 3). The reader is referred to these Directives for the specific definitions and requirements. **Compliance on this item.** Additionally, Alpha certifies that the listed part number is in compliance with China RoHS "Marking for Control" requirements.

Substance

Lead
Mercury
Cadmium
Hexavalent Chromium
Polybrominated Biphenyls (PBB)
Polybrominated Diphenyl Ethers (PBDE),
Including Deca-BDE
Bis(2-ethylhexyl) phthalate (DEHP)
Butyl benzyl phthalate (BBP)
Dibutyl phthalate (DBP)
Diisobutyl phthalate (DIBP)

Maximum Control Value

0.1% by weight (1000 ppm)
0.1% by weight (1000 ppm)
0.01% by weight (100 ppm)
0.1% by weight (1000 ppm)
0.1% by weight (1000 ppm)
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The information provided in this document and disclosure is correct to the best of Alpha Wire's knowledge, information and belief at the date of issuance. This document is intended to provide guidance for the safe handling, storage, and any other operation of the product itself or the one that it will become part of. The intent of this document is not to provide regulatory information for guidance purposes only. Product users are responsible for determining the applicability of legislation and regulatory requirements. Authorized Signatory for the Alpha Wire:

Dave Watson, Director of Engineering & QA 31/03/2025

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