

Customer Specification

PART NO. 9062AC

Construction

				Diameters (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

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.

Properties

Physical & Mechanical Properties	
1) Temperature Range	-20 to 80°C
2) Bend Radius	10X Cable Diameter
3) Pull Tension	12.4 Lbs, Maximum
Electrical Properties (For Engineering purposes only)	
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, Minimum
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 1000FT	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>

www.alphawire.com

Alpha Wire | 711 Lidgerwood Avenue, Elizabeth, NJ 07207

Tel: 1-800-52 ALPHA (25742)

Although Alpha Wire (“Alpha”) makes every reasonable effort to ensure there accuracy at the time of publication, information and specifications described herein are subject to errors or omissions and to changes without notice, and the listing of such information and specifications does not ensure product availability.

Alpha provides the information and specifications herein on an “AS IS” basis, with no representations or warranties, whether express, statutory or implied. In no event will Alpha be liable for any damages (including consequential, indirect, incidental, special, punitive, or exemplary) whatsoever, even if Alpha had been advised of the possibility of such damages, whether in an action under contract, negligence or any other theory, arising out of or in connection with the use, or inability to use, the information or specifications described herein.

ALPHA WIRE - CONFIDENTIAL AND PROPRIETARY Notice to persons receiving this document and/or technical information. This document is confidential and is the exclusive property of ALPHA WIRE, and is merely on loan and subject to recall by ALPHA WIRE at any time. By taking possession of this document, the recipient acknowledges and agrees that this document cannot be used in any manner adverse to the interests of ALPHA WIRE, and that no portion of this document may be copied or otherwise reproduced without the prior written consent of ALPHA WIRE. In the case of conflicting contractual provisions, this notice shall govern the status of this document.

©2019 ALPHA WIRE - all rights reserved.