

# 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 <sub>RMS</sub>
	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 <sub>RMS</sub>
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 <sub>RMS</sub>
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

<b>Packaging</b>	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](http://www.alphawire.com)

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