

Customer Specification

PART NO. 9058AC

Construction

						Diameter ("in")	
1) Component 1						1 x 1 COAX	
a) Conductor						21 (19/.0071) AWG TC	0.036
b) Insulation						0.040" Wall, Nom. Polyethylene (PE)	0.116
(1) Color(s)							
Cond	Color	Cond	Color	Cond	Color		
1	CLEAR						
2) Shield						TC BRAID Shield,95% Coverage, Min.	
3) Jacket						0.028" Wall, Nom., Type I PVC	0.195+/- 0.004
a) Color(s)						BLACK	
b) Print						ALPHA WIRE-* P/N 9058AC RG 58A/U 21 AWG UL TYPE CL2 SHIELDED CE ROHS * = Factory Code	

Applicable Specifications

1) UL	CL2	60°C
2) Military	JAN-C-17A/RG 58A/U TYPE	
3) 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. 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 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 60°C
2) Bend Radius	10X Cable Diameter
3) Pull Tension	12.1 lbs. max.
Electrical Properties	
Engineering purposes only	
1) Voltage Rating	1400 V _{RMS}
2) Characteristic Impedance	50 ω +/- 2
3) Ground Capacitance	30.8 pf/ft @1 kHz, Nominal
4) Velocity of Propagation	66 %
5) Conductor DCR	11.9 ω/1000ft @20°C, Nominal
6) OA Shield DCR	4.5 ω/1000ft @20°C, Nominal
7) Voltage Withstanding	5 kV (min.)
8) Corona Extinction	1.9 kV (min.)
9) Attenuation (max. dB/100ft)	5.8 @ 100 MHz
	28 @ 1 GHz

Other

Packaging	Flange x Traverse x Barrel (inches)
a) 2500 FT	16 x 11 x 8 Continuous Length
b) 1000 FT	12 x 6 x 3.5 Continuous Length
c) BOX 1000FT	11-3/4 EASY REEL: 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
2200 US Highway 27 South
Richmond, IN 47374

Tel: 1-800-52 ALPHA

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.

SpecPDFFooterConfidential



Alpha Wire □□□□9058AC

□□□□

□ □ □ □ □

Alpha Wire □□□□□□□□

DeBW

