

Customer Specification

PART NO. 9011A

Construction

				Diameters (In)	
1) Component 1		1 X 1 COAX			
a) Conductor		18 (7/26) AWG TC		0.048	
b) Insulation		0.1185" Wall, Nom. Polyethylene(PE)		0.285	
(1) Color(s)					
Cond	Color	Cond	Color	Cond	Color
1	CLEAR				
2) Shield		BC BRAID Shield,95% Coverage, Min.			
3) Jacket		0.045" Wall, Nom.,Type IIA PVC		0.405+/- 0.007	
a) Color(s)		BLACK			
b) Print		ALPHA WIRE-* P/N 9011A RG 11A/U 1/C 18AWG SHIELDED (UL) TYPE CL2X LLXXXXXX CSA TYPE 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	CL2X	60°C
2) CSA International	CMH	60°C
	FT1	
3) Military	MIL-C-17D/6B RG 11A/U	80°C / 3700 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	-30 to 80°C
2) Bend Radius	10X Cable Diameter
3) Pull Tension	30 Lbs, Maximum
Electrical Properties	(For Engineering purposes only)
1) Voltage Rating	3700 V _{RMS}
2) Characteristic Impedance	75 Ω +/- 3
3) Ground Capacitance	20.5 pf/ft @1 kHz, Nominal
4) Velocity of Propagation	66 %
5) Conductor DCR	6.3 Ω/1000ft @20°C, Nominal
6) OA Shield DCR	1.2 Ω/1000ft @20°C, Nominal
7) Voltage Withstanding	10 kV, Minimum
8) Corona Extinction	5 kV, Minimum
9) Attenuation, Max dB/100ft	5.2 @ 400 MHz
	9.4 @ 1 GHz

Other

Packaging	Flange x Traverse x Barrel (inches)
a) 1000 FT	20 x 11 x 8 Continuous length

b) 500 FT	16 x 11 x 8 Continuous length
c) 100 FT	12 x 10 x 5 Continuous length
	<i>[Spool dimensions may vary slightly]</i>

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