

Customer Specification

PART NO. 9011A

Construction

				Diameters (In)	
1) Component 1		1 X 1 COAX			
a) Conductor		18 (7/26) AWG TC			
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 ROHS * = Factory Code [Note: Product may have c(UL) or CSA markings depending upon plant of manufacture.]			

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}

Environmental

1) EU Directive 2002/95/EC(RoHS):	
	All materials used in the manufacture of this part are in compliance with EU Directive 2002/95/EU regarding the restriction of use of certain hazardous substances in electrical and electronic equipment. Consult Alpha Wire's web site for compliance Date of Manufacture.
2) 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 +/- 3
3) Ground Capacitance	20.5 pf/ft @1 kHz, Nominal
4) Velocity of Propagation	66 %
5) Conductor DCR	6.3 /1000ft @20°C, Nominal
6) OA Shield DCR	1.2 /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

1) Packaging	
a) 1000 FT	
b) 500 FT	
c) 100 FT	

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