

## Customer Specification

### PART NO. 1936

## Construction

						Diameter ("in")	
1) Component 1						2 x 1 COND	
a) Conductor						14 (41/30) AWG BC	0.074
b) Insulation						0.048" Wall, Nom. Neoprene	0.173
(1) Separator						Paper Tape, 10% Overlap (min.)	
(2) Color(s)							
Cond	Color	Cond	Color	Cond	Color		
1	BLACK	2	WHITE				
2) Cable Assembly						2 Components Cabled	
a) Twists						4.4 Twists/ft. (min.)	
3) Jacket						0.085" Wall, Nom., Chlorinated Polyethylene (CPE)	0.522+/- 0.019
a) Color(s)						BLACK	
b) Jacket Separator						Tissue Tape, 25% Overlap (min.)	
c) Print						ALPHA WIRE-* P/N 1936 2C 14 AWG (2.08mm <sup>2</sup> ) (UL) C(UL) TYPE SOOW 90C 600V -40C FT2 CE ROHS * = Factory Code <i>Note: Product may have c(UL) or CSA markings depending upon plant of manufacture]</i>	

## Applicable Specifications

1) UL	SOOW	90°C Dry / 60°C Wet / 600 V <sub>RMS</sub>
2) CSA International	C(UL) SOOW	90°C Dry / 60°C Wet / 600 V <sub>RMS</sub>
	C(UL) FT2	
3) CE	EU Low Voltage Directive 2014/35/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 and the amending Directive 2015/863/EU of 4 June 2015 . No exemptions are required for RoHS Compliance on this item. Refer to the <a href="#">RoHS Certificate of Compliance</a> for more detail.
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 <a href="#">REACH SVHC Declaration</a> .

## Properties

Physical & Mechanical Properties	
1) Temperature Range	-40 to 90°C
2) Bend Radius	10X Cable Diameter
3) Pull Tension	64 lbs. max.
4) Sunlight Resistance	Yes
Electrical Properties	
	<i>Engineering purposes only</i>
1) Voltage Rating	600 V <sub>RMS</sub>
2) Capacitance	36 pf/ft. @1 kHz, Nominal Conductor-to-Conductor
4) Inductance	0.22 μH/ft., Nominal
5) Conductor DCR	2.8 ω/1000ft. @20°C, Nominal

## Other

Packaging	Flange x Traverse x Barrel (inches)
a) 250 FT	12 x 10 x 5 Continuous Length
	<i>Spool dimensions may vary slightly.</i>

[www.alphawire.com](http://www.alphawire.com)

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Alpha Wire □□□□1936

[illegible]

Lead

Mercury

Cadmium

## Hexavalent Chromium

### Polybrominated Biphenyls (PBB)

### Polybrominated Diphenyl Ethers (PBDE),

Including Deca-BDE

Bis(2-ethylhexyl) phthalate (DEHP)

Butyl benzyl phthalate (BBP)

Dibutyl phthalate (DBP)

Diisobutyl phthalate (DIBP)

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0.01% (100 ppm)

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