

Customer Specification

PART NO. 1931

Construction

				Diameters (In)	
1) Component 1		2 X 1 COND			
a) Conductor		18 (41/34) AWG BC		0.047	
b) Insulation		0.017" Wall, Nom. EPDM Rubber		0.084	
(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:		9.6 Twists/foot (min)			
3) Jacket		0.034" Wall, Nom.,Chlorinated Polyethylene (CPE)		0.242+/- 0.010	
a) Color(s)		BLACK			
b) Jacket Separator		Tissue Tape, 25% Overlap, Min.			
c) Print		ALPHA WIRE-* P/N 1931 2C 18 AWG (0.824mm2) (UL) C(UL) TYPE SVO 90C 300V FT2 ROHS * = Factory Code [Note: Product may have c(UL) or CSA markings depending upon plant of manufacture.]			

Applicable Specifications

1) UL	SVO	90°C / 300 V _{RMS}
2) CSA International	C(UL) SVO	90°C / 300 V _{RMS}
	C(UL) FT2	

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) 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.

Properties

Physical & Mechanical Properties	
1) Temperature Range	-40 to 90°C
2) Bend Radius	10X Cable Diameter
3) Pull Tension	26 Lbs, Maximum
Electrical Properties	
(For Engineering purposes only)	
1) Voltage Rating	300 V _{RMS}
2) Capacitance	26 pf/ft @1 kHz, Nominal Conductor to Conductor
3) Inductance	0.18 µH/ft, Nominal
4) Conductor DCR	6.6 /1000ft @20°C, Nominal

Other

Packaging	Flange x Traverse x Barrel (inches)
a) 250 FT	12 x 4.5 x 3.5 Continuous length
	[Spool dimensions may vary slightly]

www.alphawire.com

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RoHS CERTIFICATE OF COMPLIANCE

To Whom It May Concern:

Alpha Wire Part Number:1931

1931 , RoHS-Compliant Commencing With10/1/2005Production

*This document certifies that the Alpha part numbers cited above are manufactured in accordance with Directive 2002/95/EC of the European Parliament and of the Council of 27 January 2003, better known as the RoHS Directives, with regards to restrictions of the use of certain hazardous substances used in the manufacture of electrical and electronic equipment. The reader is referred to these Directives for the specific definitions and extents of these Directives. **No Exemptions are required for RoHS Compliance on this item.***

Substance

Lead
Mercury
Cadmium
Hexavalent Chromium

Maximum Control Value

0.1% by weight (1000 ppm)
0.1% by weight (1000 ppm)
0.01% by weight (100 ppm)
0.1% by weight (1000 ppm)

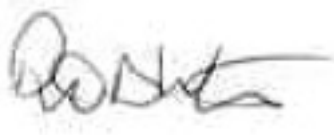
Polybrominated Biphenyls (PBB)
Polybrominated Diphenyl Ethers (PBDE)
Including Deca-BDE

0.1% by weight (1000 ppm)

0.1% by weight (1000 ppm)

The information provided in this document and disclosure is correct to the best of Alpha Wire's knowledge, information and belief at the date of its release. The information provided is designed only as a general guide for the safe handling, storage, and any other operation of the product itself or the one that it will become part of. The intent of this document is not to be considered a warranty or quality specification. Regulatory information is for guidance purposes only. Product users are responsible for determining the applicability of legislation and regulations based on their individual usage of the product.

Authorized Signatory for the Alpha Wire Company:

A handwritten signature in dark ink, appearing to read "Dave Watson", is positioned above the printed name.

Dave Watson, Director of Engineering & QA

10/31/2012

Mouser Electronics

Authorized Distributor

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