

Customer Specification

PART NO. 2168

Construction

1) Conductor		a) Material
Tinned Copper, per ASTM-B-33 and CID-A-A-59551	b) Stranding	Solid
c) Diameter	0.005"	2) Braid Data
		a) Nominal ID
11/64" (.171)		b) AWG of Ends
36		c) Number of Carriers
24		d) Nominal Percent Coverage
96		e) Total Number of Ends
168		f) Approx. Equiv. AWG
14		g) Approx. Ampacity
32Amps		h) Federal Spec Number

Applicable Specifications

1) DSCC CID A-A-59569A

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 any of the substances listed on the European Union's REACH Substance of Very High Concern (SVHC) candidate list in excess of 0.1% mass of the item.

Other

1) Packaging	
a) 100 ft.	9 x 4.5 x 3.5, Continuous
b) 250 ft.	9 x 4.5 x 3.5, 2 Pieces Max., 50 ft. Min. Length
Spool size may vary slightly	

Alpha Wire | 711 Lidgerwood Avenue, Elizabeth, NJ 07207
Tel: 1-800-52 ALPHA (25742)

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RoHS CERTIFICATE OF COMPLIANCE

To Whom It May Concern:

Alpha Wire Part Number: 2168

2168, RoHS-Compliant Commencing With 1/1/2004 Production

*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	Maximum Control Value
Lead	0.1% by weight (1000 ppm)
Mercury	0.1% by weight (1000 ppm)
Cadmium	0.01% by weight (100 ppm)
Hexavalent Chromium	0.1% by weight (1000 ppm)
Polybrominated Biphenyls (PBB)	0.1% by weight (1000 ppm)
Polybrominated Diphenyl Ethers (PBDE)	0.1% by weight (1000 ppm)
Including Deca-BDE	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 black ink, appearing to read 'Dave Watson'.

Dave Watson, Director of Engineering & QA

10/31/2012

Mouser Electronics

Authorized Distributor

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[Alpha Wire:](#)

[2168 SV005](#)