



Alpha Wire | 711 Lidgerwood Avenue, Elizabeth, NJ 07207  
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# Customer Specification

## PART NO. 95037

### Construction

1) Conductor	a) Material
Tinned Copper, per ASTMB-33 and CID-A-A-59551	b) Stranding Solid
2) Braid Data	
a) Nominal Dimensions	.500x .093 Inches
b) AWG of Ends	30
c) Number of Carriers	24
d) Nominal Percent Coverage	N/A
e) Total Number of Ends	240
f) Approx. Equiv. AWG	6
g) Approx. Ampacity	90 Amps
h) Federal Spec Number	AA59569F30T0437

### 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.
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### Other

1) Packaging	
a) 100 ft.	9 x 4.5 x 3.5, Continuous
b) 250 ft.	9 x 4.5 x 3.5, 3 Pieces Max., 25 ft. Min. Length
c) 500 ft.	9 x 4.5 x 3.5, 3 Pieces Max., 25 ft. Min. Length
d) 1000 ft.	16 x 11x 8, 4 Pieces Max., 25 ft. Min Length
	Spool size may vary slightly

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## EU/China ROHS CERTIFICATE OF COMPLIANCE

To Whom It May Concern:

Alpha Wire Part Number: 95037

95037, RoHS-Compliant Commencing With 7/1/2005 Production

Note: all colors and put-ups

This document certifies that the Alpha part number cited above is manufactured in accordance with Directive 2011/65/EU of the European Parliament, better known as the RoHS Directive (commonly known as RoHS 2), with regards to restrictions of the use of certain hazardous substances used in the manufacture of electrical and electronic equipment. This certification extends to amending Directive 2015/863/EU which expanded the list of restricted substances to 10 items (commonly known as RoHS 3) The reader is referred to these Directives for the specific definitions and extents of the Directives. **No Exemptions are required for RoHS Compliance on this item.** Additionally, Alpha certifies that the listed part number is in compliance with China RoHS "Marking for Control of Pollution by Electronic Information Products" standard SJ/T 11364-2014.

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) ,	
Including Deca-BDE	0.1% by weight (1000 ppm)
Bis(2-ethylhexyl) phthalate (DEHP)	0.1% by weight (1000 ppm)
Butyl benzyl phthalate (BBP)	0.1% by weight (1000 ppm)
Dibutyl phthalate (DBP)	0.1% by weight (1000 ppm)
Diisobutyl phthalate (DIBP)	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:

A handwritten signature in black ink, appearing to read "Dave Watson".

Dave Watson, Director of Engineering & QA

4/26/2020

Alpha Wire

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# Mouser Electronics

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