

## Customer Specification

**PART NO. LC-162**

## Construction

<b>1) Construction</b>	
a) Material	Polyester, high tenacity, continuous filament
b) Type	II
c) Size	3
d) Finish	B – Microcrystalline fungicide wax, mercury and copper free
e) Dimensions	0.085 +/- 0.009" x 0.014 +/- 0.003"
f) Color	Black, White

## Applicable Specifications

1) Other	A-A-52081-B-3	
	FED-STD-191	

## Environmental

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Properties

a) Breaking Strength	50 Lbs. Min.
b) Elongation	40% Max.
c) Finish Weight	15% - 32%
d) Temperature Range	-73°C to 177°C

Other

1) Standard Packaging	
a) 500 Yard Spools	King Bobbin
b) Length Tolerance	+10/-3%
c) Multiple Lengths	4 lengths max per tube
	50 yard minimum individual length

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

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## EU/UK/China ROHS CERTIFICATE OF COMPLIANCE

To Whom It May Concern:

Alpha Wire Part Number: LC-162

LC-162, RoHS-Compliant Commencing With 5/1/2004 Production

Note: all colors and put-ups

This document certifies that the Alpha part number cited above, including all packaging materials, 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). This product also complies with UK - RoHS. 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. This product is also in compliance with China RoHS 2 per GB/T 26572-2011.

### Substance

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)

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Authorized Signatory for the Alpha Wire:

Dave Watson, Director of Engineering 4/18/2025

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