



Customer Specification

PART NO. 2158

Construction

1) Conductor	
a) Material	Brass, Alloy 260 per ASTM B-134
b) Stranding	Solid
2) Braid Data	
a) Nominal Size	1/2"
b) Expansion Range	1/2" to 1"
c) Number of Carriers	48
d) Nominal Percent Coverage	N/A
e) Total Number of Ends/Carrier	11
f) Approx. DC Resistance	2.9 (Ohms/1000ft)
g) Max Pulling Tension	41.5 lbs
h) Weight	42 lbs/1000ft

Environmental

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Other

1) Packaging	
a) 100 ft.	6.5"x 3.75"x 3.25", 2 Pieces Max., 20ft. Min. Length
	Spool size may vary slightly

Tel: 1-800-52 ALPHA (25742)

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EU/UK/China ROHS CERTIFICATE OF COMPLIANCE

To Whom It May Concern:

Alpha Wire Part Number: 2158

2158, RoHS-Compliant Commencing With 1/1/2004 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). 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	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:

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

Dave Watson, Director of Engineering

3/24/2024

Alpha Wire

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Mouser Electronics

Authorized Distributor

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