

## Especificación de Cliente

### NO. DE PIEZA 1953/3T

### Construction

						Diameter ("in")	
1) Component 1						3 x 1 COND	
a) Conductor						16 (65/34) AWG BC	0.059
b) Insulation						0.032" Wall, Nom. PVC	0.123
(1) Color(s)							
Cond	Color	Cond	Color	Cond	Color		
1	BLACK	2	WHITE	3	GREEN/YELLOW		
2) Cable Assembly						3 Components Cabled	
a) Twists						4.8 Twists/ft. (min.)	
3) Jacket						0.032" Wall, Nom., PVC	0.335+/- 0.010
a) Color(s)						Slate, Black	
b) Jacket Separator						Tissue Tape, 25% Overlap (min.)	
c) Print						ALPHA WIRE-* P/N 1953/3T 3C 16 AWG (1.31mm <sup>2</sup> ) (UL) C(UL) TYPE SJT 105C 300V FT2 CE ROHS * = Factory Code <i>Note: Product may have c(UL) or CSA markings depending upon plant of manufacture.</i>	

### Applicable Specifications

1) UL	SJT	105°C / 300 V <sub>RMS</sub>
2) CSA International	C(UL) SJT	105°C / 300 V <sub>RMS</sub>
3) CE	EU Low Voltage Directive 2014/35/EC	

### Environmental

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1) CE: EU Directive 2011/65/EU(RoHS2)	This product complies with European Directive 2011/65/EU (RoHS Directive) of the European Parliament and of the Council of 8 June 2011 and the amending Directive 2015/863/EU of 4 June 2015 . No exemptions are required for RoHS Compliance on this item. Refer to the <a href="#">RoHS Certificate of Compliance</a> for more detail.
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 <a href="#">REACH SVHC Declaration</a> .

## Properties

Physical & Mechanical Properties	
1) Temperature Range	-30 to 105°C
2) Bend Radius	10X Cable Diameter
3) Pull Tension	61 lbs. max.
Electrical Properties	
<i>Engineering purposes only</i>	
1) Voltage Rating	300 V <sub>RMS</sub>
2) Capacitance	29 pf/ft. @1 kHz, Nominal Conductor-to-Conductor
3) Inductance	0.2 μH/ft., Nominal
4) Conductor DCR	4.2 ω/1000ft. @20°C, Nominal

## Other

Packaging	Flange x Traverse x Barrel (inches)
a) 250 FT	12 x 6 x 3.5 Continuous Length
	<i>Spool dimensions may vary slightly.</i>

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

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# EU/China ROHS CERTIFICATE OF COMPLIANCE

To Whom It May Concern:

Alpha Wire Part Number: 1953/3T

1953/3T, RoHS-Compliant Commencing With 01/02/2006 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 Union (RoHS 2), with regards to restrictions of the use of certain hazardous substances used in the manufacture of electrical and electronic equipment. 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 limits. **Compliance on this item.** Additionally, Alpha certifies that the listed part number is in compliance with China RoHS "Marking for Control"

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 issuance. This document is intended to provide regulatory information for guidance purposes only. Product users are responsible for determining the applicability of legislation and regulatory requirements. Alpha Wire is the Authorized Signatory for the Alpha Wire:

Dave Watson, Director of Engineering & QA 23/06/2026

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