

Especificación de Cliente

NO. DE PIEZA M13582

Construction

						Diameters (In)		
1) Component 1						2 X 1 COND		
a) Conductor						14 (19/.0147) AWG Tinned Copper		0.071
b) Insulation						0.032" Wall, Nom. PVC		0.135
(1) Color(s)								
Cond	Color	Cond	Color	Cond	Color			
1	BLACK	2	WHITE					
2) Cable Assembly						2 Components Cabled		
a) Twists:						3.0 Twists/foot (min)		
b) Orientation:						Components to be arranged from INSIDE LAYER to OUTSIDE LAYER		
3) Jacket						0.035" Wall, Nom.,PVC		0.340 (0.355 Max.)
a) Color(s)						SLATE		
b) Print						ALPHA WIRE-* P/N M13582 2C 14 AWG EXXXXXX 75C (UL) TYPE CL2 OR AWM STYLE 2463 CE ROHS * = Factory Code		

Applicable Specifications

1) UL	CL2	75°C / 150 V _{RMS}
	AWM/STYLE 2463	80°C / 600 V _{RMS}
2) CE:	EU Low Voltage Directive 2014/35/EU	

Environmental

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1) CE: EU Directive 2011/65/EU(RoHS2), EU Directive 2015/863/EU (RoHS3):	
	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.
2) California Proposition 65:	This product may contain substances known to the State of California to cause Cancer or Reproductive Harm, but is exempt from labeling based on the Consent Judgement. See the Alpha Wire website for more information.

Properties

Physical & Mechanical Properties	
1) Temperature Range	-20 to 80°C
2) Bend Radius	10X Cable Diameter
3) Pull Tension	64 Lbs, Maximum
Electrical Properties	
	(For Engineering purposes only)
1) Voltage Rating	300 V _{RMS}
2) Capacitance	31 pF/ft @1 kHz, Nominal Conductor to Conductor
3) Characteristic Impedance	72 Ω
4) Inductance	0.19 μH/ft, Nominal
5) Conductor DCR	2.8 Ω/1000ft @20°C, Nominal

Other

Packaging	Flange x Traverse x Barrel (inches)
a) 1000 FT	18 x 14.25 x 8 Continuous length
b) 500 FT	13.5 x 10 x 4 Continuous length
c) 100 FT	12 x 5.94 x 5 Continuous length
d) Bulk(Made-to-order)	
	<i>[Spool dimensions may vary slightly]</i>

www.alphawire.com

Alpha Wire
2200 US Highway 27 South
Richmond, IN 47374

Tel: 1-800-52 ALPHA

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EU/China ROHS CERTIFICATE OF COMPLIANCE

To Whom It May Concern:

Alpha Wire Part Number: M13582

M13582, RoHS-Compliant Commencing With 01/07/2005 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 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 guidance 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 disclosure is for guidance purposes only. Product users are responsible for determining the applicability of legislation and regulatory requirements. Authorized Signatory for the Alpha Wire:

Dave Watson, Director of Engineering & QA 15/06/2026

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