

Alpha Wire | 711 Lidgerwood Avenue, Elizabeth, NJ 07207 Tel: 1-800-52 ALPHA (25742), Web: www.alphawire.com

Customer Specification PART NO. 7133

Construction

		Diameters (In)
1) Component 1	1 X 1 HOOKUP	
a) Conductor	18 (7/26) AWG TC	0.048
b) Insulation	0.016" Wall, Nom. PVC, Irradiated	0.080+/- 0.002
(1) Print	ALPHA WIRE-* E163869 RU AWM 1430 105C 300V VW-1 LLXXXXXX CSA REW XLPVC 105C 300V FT1 ROHS * = Factory Code [Note: Product may have c(UL) or CSA markings depending upon plant of manufacture.]	
(2) Color(s)	WHITE, BLACK, RED, GREEN, YELLOW, BLUE, BROWN ORANGE, SLATE, VIOLET, YELLOW/GREEN	

Applicable Specifications

1) UL	AWM/STYLE 1430	105°C / 300 V _{RMS}
2) CSA International	REW-XLPVC	105°C / 300 V _{RMS}
	FT1	
3) Military	MIL-W-16878E Type C	105°C / 1000 V _{RMS}

Environmental

1) EU Directive 2011/65/EU(RoHS2):	
	All materials used in the manufacture of this part are in compliance with European Directive 2011/65/EU regarding the restriction of use of certain hazardous substances in electrical and electronic equipment. Consult Alpha Wire's web site for RoHS C of C.

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 REACH SVHC Declaration.	
3) California Proposition 65:	The outer surface materials used in the manufacture of this part meet the requirements of California Proposition 65.	

Properties

Physical & Mechanical Properties	
1) Temperature Range	-55 to 105°C
2) Bend Radius	10X Cable Diameter
3) Pull Tension	13.9 Lbs, Maximum
Electrical Properties	(For Engineering purposes only)
1) Voltage Rating	300 V _{RMS}
2) Inductance	0.05 μH/ft, Nominal
3) Conductor DCR	6.3 Ω/1000ft @20°C, Nominal

Other

Packaging	Flange x Traverse x Barrel (inches)
a) 1000 FT	6.5 x 4 x 2.5 Continuous length
b) 100 FT	3.5 x 3 x 1.125 Continuous length
	[Spool dimensions may vary slightly]
Notes:	
a) Certain colors and put-up combinations may only	be available by special order, minimums may apply.

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Although Alpha Wire ("Alpha") makes every reasonable effort to ensure there accuracy at the time of publication, information and specifications described herein are subject to errors or omissions and to changes without notice, and the listing of such information and specifications does not ensure product availability.

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EU/China ROHS CERTIFICATE OF COMPLIANCE

To Whom It May Concern:

Alpha Wire Part Number: 7133

7133, RoHS-Compliant Commencing With 6/1/2005 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:

Dave Watson, Director of Engineering & QA Alpha Wire 711 Lidgerwood Ave. Elizabeth, NJ 07207 Tel: 1-908-925-8000 9/29/2020

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Alpha Wire:

 7133 BK005
 7133 SL005
 7133 BL001
 7133 VI005
 7133 OR005
 7133 WH001
 7133 VI001
 7133 YL005
 7133

 RD001
 7133 BR001
 7133 GR005
 7133 RD005
 7133 YL001
 7133 WH005
 7133 OR001
 7133 YL005
 7133

 RD001
 7133 BR001
 7133 GR005
 7133 RD005
 7133 YL001
 7133 WH005
 7133 OR001
 7133 BK001
 7133 BL005

 7133 BR005
 7133 SL001
 7133 GR001
 7133 YG005
 7133 YG001
 7133 YG001