

□□□□□

□□□ **7026**

## Construction

	Diameters (In)	
1) Component 1	1 X 1 HOOKUP	
a) Conductor	18 (19/30) AWG Tinned Copper	0.048
b) Insulation	0.016" Wall, Nom. XLPE	0.080+/- 0.002
(1) Print	ALPHA WIRE-* E163869 RU AWM 3266 125C 300V VW-1 LLXXXXX CSA CL-1252 FT1 X-LINK ROHS * = Factory Code <i>[Note: Product may have c(UL) or CSA markings depending upon plant of manufacture.]</i>	
(2) Color(s)	WHITE, BLACK, RED	

## Applicable Specifications

1) UL	AWM/STYLE 3266	125°C / 300 V <sub>RMS</sub>
2) CSA International	CL1252-XLPE	125°C / 300 V <sub>RMS</sub>
3) Military	MIL-W-16878E Type C	105°C / 1000 V <sub>RMS</sub>

## Environmental

1) EU Directive 2011/65/EU(RoHS2), EU Directive 2015/863/EU (RoHS3):	
	All materials used in the manufacture of this part are in compliance with European Directive 2011/65/EU and the amending Directive 2015/863/EU of 4 June 2015 regarding the restriction of use of certain hazardous substances in electrical and electronic equipment.
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.
3) 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	-55 to 125°C
2) Bend Radius	10X Cable Diameter
3) Pull Tension	14.9 Lbs, Maximum
Electrical Properties	
(For Engineering purposes only)	
1) Voltage Rating	300 V <sub>RMS</sub>
2) Inductance	0.05 µH/ft, Nominal
3) Conductor DCR	5.9 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
	<i>[Spool dimensions may vary slightly]</i>
Notes:	
a) Certain colors and put-up combinations may only be available by special order, minimums may apply.	

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

Alpha Wire  
2200 US Highway 27 South  
Richmond, IN 47374

Tel: 1-800-52 ALPHA

Alpha Wire "Alpha"  
Alpha  
Alpha

ALPHA WIRE - CONFIDENTIAL AND PROPRIETARY Notice to persons receiving this document and/or technical information. This document is confidential and is the exclusive property of ALPHA WIRE, and is merely on loan and subject to recall by ALPHA WIRE at any time. By taking possession of this document, the recipient acknowledges and agrees that this document cannot be used in any manner adverse to the interests of ALPHA WIRE, and that no portion of this document may be copied or otherwise reproduced without the prior written consent of ALPHA WIRE. In the case of conflicting contractual provisions, this notice shall govern the status of this document. <br /><br />  
©2019 ALPHA WIRE - all rights reserved.



□□□□□□□□ Dave Watson

2026/6/10