

Customer Specification

PART NO. 7036

Construction

	Diameters (In)	
1) Component 1	1 X 1 HOOKUP	
a) Conductor	12 (19/.0185) AWG Tinned Copper	0.090
b) Insulation	0.016" Wall, Nom. PVC, Irradiated	0.122+/- 0.002
(1) Print	ALPHA WIRE-* E163869 RU AWM 3317 105C 300V VW-1 LLXXXXXX CSA REW XLPVC 105C 300V FT1 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, GREEN, YELLOW, BLUE, BROWN ORANGE, SLATE, VIOLET, YELLOW/GREEN	

Applicable Specifications

1) UL	AWM/STYLE 3317	105°C / 300 V _{RMS}
2) CSA International	REW-XLPVC	105°C / 300 V _{RMS}
	FT1	

Environmental

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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 105°C
2) Bend Radius	10X Cable Diameter
3) Pull Tension	51 Lbs, Maximum
Electrical Properties	
(For Engineering purposes only)	
1) Voltage Rating	300 V _{RMS}
2) Inductance	0.03 μH/ft, Nominal
3) Conductor DCR	1.73 Ω/1000ft @20°C, Nominal

Other

Packaging	Flange x Traverse x Barrel (inches)
a) 1000 FT	10.5 x 5 x 3.5 Continuous length
b) 100 FT	6.5 x 2 x 1.9 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.	

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