

## Customer Specification

**PART NO. 3118133**

## Construction

	Diameters (In)	
1) Component 1	1 X 1 HOOKUP	
a) Conductor	8 (133(7x19)/29) AWG 27% Nickel Platted Copper	0.170
b) Insulation	0.030" Wall, Nom. Mica Glass Tape	0.230+/- 0.004
(1) Color(s)	WHITE	
2) Jacket	0.015" Wall, Nom.,PTFE Impregnated Fiberglass	0.260 +/- 0.007
a) Color(s)	NATURAL TAN	

## Applicable Specifications

1) UL	AWM/STYLE 5107	450°C / 600 V <sub>RMS</sub>
2) CSA International	AWM I A/B	450°C / 600 V <sub>RMS</sub>

## 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 <a href="#">RoHS C of C</a> .
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 <a href="#">Alpha's REACH SVHC Declaration</a> .
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 538°C
2) Bend Radius	10X Cable Diameter
3) Pull Tension	134 Lbs, Maximum
Electrical Properties	
(For Engineering purposes only)	
1) Voltage Rating	600 V <sub>RMS</sub>
2) Inductance	0.03 µH/ft, Nominal
3) Conductor DCR	0.89 Ω/1000ft @20°C, Nominal

# Other

Packaging	Flange x Traverse x Barrel (inches)
a) 1000 FT	12 x 12 x 3.5 Continuous length
b) 500 FT	12 x 6 x 3.5 Continuous length
c) 100 FT	12 x 4.5 x 3.5 Continuous length
d) Bulk(Made-to-order)	
[Spool dimensions may vary slightly]	

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

Alpha Wire  
2200 US Highway 27 South  
Richmond, IN 47374

Tel: 1-800-52 ALPHA

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