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# Customer Specification

## PART NO. 2928

### Construction

		Diameters (In)
1) Component 1	1 X 1 HOOKUP	
a) Conductor	28 (7/36) AWG 10% Nickel Plated Copper	0.015
b) Insulation	0.004" Wall, Nom. ECA Fluoropolymer	0.023+/- 0.002
(1) Tint Color	WHITE, BLACK, RED, GREEN, YELLOW, BLUE, BROWN ORANGE, SLATE, VIOLET	

### Applicable Specifications

1) UL	AWM/STYLE 11540	300°C / 600 V <sub>RMS</sub>
	80C OIL	
	GAS RES	
	Horizontal Flame	
2) Other	Sunlight Resistant	
	Chemical Resistant	
	Water Resistant	
3) CE:	EU Low Voltage Directive 2014/35/EC	

### 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	-150 to 300°C
2) Bend Radius	10X Cable Diameter
3) Pull Tension	1.37 Lbs, Maximum
Electrical Properties	(For Engineering purposes only)
1) Voltage Rating	600 V <sub>RMS</sub>
2) Inductance	0.04 μH/ft, Nominal
3) Conductor DCR	69 Ω/1000ft @20°C, Nominal

## Other

<b>Packaging</b>	Flange x Traverse x Barrel (inches)
a) 1000 FT	2.75 x 2 x 1.125 Continuous length
b) 100 FT	2.75 x 1 x 1.125 Continuous length
	<i>[Spool dimensions may vary slightly]</i>
<b>Notes:</b>	
a) Certain colors and put-up combinations may only be available by special order, minimums may apply.	

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