

## Customer Specification

### PART NO. 1579

## Construction

	Diameters (In)	
1) Component 1	1 X 1 HOOKUP	
a) Conductor	14 (41/30) AWG Tinned Copper	0.074
b) Insulation	0.045" Wall, Nom. PVC	0.164+/- 0.004
(1) Color(s)	WHITE, BLACK, RED	

## Applicable Specifications

1) Military	MIL-W-76B TYPE HW	80°C / 600 V <sub>RMS</sub>
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## 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	-20 to 80°C
2) Bend Radius	10X Cable Diameter
3) Pull Tension	32 Lbs, Maximum
Electrical Properties	
(For Engineering purposes only)	
1) Voltage Rating	600 V <sub>RMS</sub>
2) Inductance	0.06 µH/ft, Nominal
3) Conductor DCR	2.8 Ω/1000ft @20°C, Nominal

# Other

Packaging	Flange x Traverse x Barrel (inches)
a) 1000 FT	12 x 5.94 x 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.	

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

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Alpha Wire 1579

Alpha 2011/65/EU RoHS2015/863/EU  
RoHS SJ/T 11364-2014

Lead	□□□□□□□□0.1% (1000 ppm)
Mercury	□□□□□□□□0.1% (1000 ppm)
Cadmium	□□□□□□□□0.01% (100 ppm)
Hexavalent Chromium	□□□□□□□□0.1% (1000 ppm)
Polybrominated Biphenyls (PBB)	□□□□□□□□0.1% (1000 ppm)
Polybrominated Diphenyl Ethers (PBDE), Including Deca-BDE	□□□□□□□□0.1% (1000 ppm)
Bis(2-ethylhexyl) phthalate (DEHP)	□□□□□□□□0.1% (1000 ppm)
Butyl benzyl phthalate (BBP)	□□□□□□□□0.1% (1000 ppm)
Dibutyl phthalate (DBP)	□□□□□□□□0.1% (1000 ppm)
Diisobutyl phthalate (DIBP)	□□□□□□□□0.1% (1000 ppm)

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