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2200 US Highway 27 South
Richmond, IN 47374
Tel: 1-800-52 ALPHA
Web: www.alphawire.com

Customer Specification

PART NO. 1550

Construction

	Diameters (In)	
1) Component 1	1 X 1 HOOKUP	
a) Conductor	24 (7/32) AWG Tinned Copper	0.024
b) Insulation	0.016" Wall, Nom. PVC	0.056+/- 0.002
(1) Color(s)	WHITE, BLACK, RED, GREEN, YELLOW, BLUE, BROWN ORANGE, SLATE, VIOLET, WHITE/BLACK, WHITE/RED WHITE/GREEN, WHITE/YELLOW, WHITE/BLUE WHITE/BROWN, WHITE/ORANGE, WHITE/SLATE WHITE/VIOLET	

Applicable Specifications

1) Military	MIL-W-76B TYPE MW	80°C / 1000 V_{RMS}

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	-40 to 80°C
2) Bend Radius	10X Cable Diameter
3) Pull Tension	3.5 Lbs, Maximum
Electrical Properties	(For Engineering purposes only)
1) Voltage Rating	1000 V_{RMS}
2) Inductance	0.07 µH/ft, Nominal
3) Conductor DCR	25 Ω/1000ft @20°C, Nominal

Other

Packaging	Flange x Traverse x Barrel (inches)
a) 1000 FT	6.5 x 2 x 1.9 Continuous length
b) 100 FT	2.75 x 2 x 1.125 Continuous length
	[Spool dimensions may vary slightly]
Notes:	
a) Certain colors and put-up combinations may only be available by special order, minimums may apply.	

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EU/UK/China ROHS CERTIFICATE OF COMPLIANCE

To Whom It May Concern:

Alpha Wire Part Number: 1550

1550, RoHS-Compliant Commencing With 1/1/2005 Production

Note: all colors and put-ups

This document certifies that the Alpha part number cited above, including all packaging materials is fully compliant with Directive 2011/65/ Directive, with regards to restrictions of the use of certain hazardous substances used in the manufacture of electrical and electronic equipr 2015/863/EU which expanded the list of restricted substances to 10 items (commonly known as RoHS 3). This product also complies with U definitions and extents of this Directive. **No Exemptions are required for RoHS Compliance on this item**. It should be noted that this prc this Certificate is offered for cases where this product will be used within EEE that does fit within the Directive's scope. Additionally, Alpha c RoHS “Marking for Control of Pollution by Electronic Information Products” standard SJ/T 11364-2006. This product is also in compliance w

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

The information provided in this document and disclosure is correct to the best of Alpha Wire's knowledge, information and belief at the d general guide for the safe handling, storage, and any other operation of the product itself or the one that it will become part of. The intent specification. Regulatory information is for guidance purposes only. Product users are responsible for determining the applicability of legisl product.

Authorized Signatory for the Alpha Wire:



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Dave Watson, Director of Engineering 12/23/2024

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