

Customer Specification

PART NO. 3050

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) Print	ALPHA WIRE E163869-* RU AWM STYLES 1569 105C OR 1007 80C 300V VW-1 IEC 60332-2 24 AWG OR CRU TR-64 90C FT1 CE ROHS {0} * = Factory Code [Note: Production prior to October 1st 2019 has below print legend.] ALPHA WIRE E163869-* RU AWM STYLES 1569 105C OR 1007 80C VW-1 300V 24 AWG ---- LXXXX CSA TR-64 90C FT1 ROHS	
(2) 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, GREEN/YELLOW, PINK, DK BLUE	

Applicable Specifications

1) UL	AWM/STYLE 1007	80°C / 300 V _{RMS}
	AWM/STYLE 1569	105°C / 300 V _{RMS}
	VW-1	
2) CSA International	TR-64	90°C
	FT1	
3) IEC	EN 60332-2 Flame Behavior	
4) CE:	EU Low Voltage Directive 2014/35/EU	

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. 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:	
	Exempt from warning labels based on the Consent Judgment. Please see Alpha's CA Prop 65 Statement for more information.

Properties

Physical & Mechanical Properties	
1) Temperature Range	-40 to 105°C
2) Bend Radius	10X Cable Diameter
3) Pull Tension	3.5 Lbs, Maximum
Electrical Properties	(For Engineering purposes only)
1) Voltage Rating	300 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) 32800 FT	23 x 15 x 0 Max. 4 separate pieces; Min length/piece 10000 FT.
b) 10000 FT	12 x 6 x 3.5 Max. 3 separate pieces; Min length/piece 1000 FT.
c) 5000 FT	12 x 4.5 x 3.5 Continuous length
d) 1000 FT	6.5 x 2 x 1.9 Continuous length
e) 100 FT	2.75 x 2 x 1.125 Continuous length
	<i>[Spool dimensions may vary slightly]</i>
Notes:	
a) Certain color and put-up combinations may only be available by special order. Minimums may apply.	
b) Tolerance on 32800 ft. Put-Up is +/- 10%	



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