

ALPHA WIRE
CUSTOMER PRODUCT SPECIFICATION

Part Number: 3111441
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Issue: 2
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A. Construction		Diameters (In)
1) Component 1	1 X 1 HOOKUP	
a) Conductor	14 (41/30) AWG 27% Nickel Platted Copper	0.074
b) Insulation	0.025" Wall, Nom. Mica Glass Tape	0.124+/- 0.004
(1) Color(s)	WHITE	
2) Jacket	0.007" Wall, Nom.,PTFE Impregnated Fiberglass	0.138 +/- 0.007
a) Color(s)	NATURAL TAN	
B. Applicable Specifications		
1) UL	AWM/STYLE 5107	450°C / 600 V _{RMS}
2) CSA International	AWM I A/B	450°C / 600 V _{RMS}
C. Environmental Compliance		
1) RoHS Directive (2011/65/EU):	All materials used in the manufacture of this part meet the requirements of European Directive 2011/65/EU regarding the restriction of use of certain hazardous substances in electrical and electronic equipment. No Exemptions are required for RoHS Compliance on this item. 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.	
D. Physical & Mechanical Properties		
1) Temperature Range	-55 to 538°C	
2) Bend Radius	10X Cable Diameter	
3) Pull Tension	32 Lbs, Maximum	
E. Electrical Properties	(For Engineering purposes only)	
1) Voltage Rating	600 V _{RMS}	
2) Inductance	0.05 µH/ft, Nominal	
3) Conductor DCR	3.6 Ω/1000ft @20°C, Nominal	
F. Other		
1) Packaging	Flange x Traverse x Barrel (inches)	
a) 1000 FT	12 x 4.5 x 3.5 Continuous length	
b) 500 FT	6.5 x 6 x 1.9 Continuous length	
c) 100 FT	6.5 x 2 x 1.9 Continuous length	
d) Bulk(Made-to-order)		
	<i>[Spool dimensions may vary slightly]</i>	

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