Alpha Wire | 711 Lidgerwood Avenue, Elizabeth, NJ 07207
Tel: 1-800-52 ALPHA (25742), Web: www.alphawire.com

Customer Specification

PART NO. 892010

Construction

		Diameters (In)
1) Component 1	1 X 1 HOOKUP	
a) Conductor	20 (10/30) AWG TC	0.037
b) Insulation	0.016" Wall, Nom. PVC	0.069+/- 0.002
(1) Print	20 AWG EXXXXX RU AWM STYLE 1569 105C 300V VW-1 OR AWM 1007 LLXXXXX CSA AWM I A/B 105C 300V FT1 OR TR-64 90C *[Note: Product may have c(UL) or CSA markings depending upon plant of manufacture.]*	
(2) Color(s)	WHITE, BLACK, RED, GREEN, YELLOW, BLUE, BROWN ORANGE, SLATE, VIOLET, RED/BLACK, RED/YELLOW VIOLET/WHITE, YELLOW/RED	

Applicable Specifications

1) UL	AWM/STYLE 1569	105°C / 300 V_{RMS}
	AWM/STYLE 1007	80°C / 300 V_{RMS}
	VW-1	
2) CSA International	AWM I A/B	105°C / 300 V_{RMS}
	FT1	
	TR-64	90°C

Environmental

1) EU Directive 2002/95/EC(RoHS):	
	All materials used in the manufacture of this part are in compliance with EU Directive 2002/95/EU regarding the restriction of use of certain hazardous substances in electrical and electronic equipment. Consult Alpha Wire's web site for compliance Date of Manufacture.

Properties

Physical & Mechanical Properties	
1) Temperature Range	-20 to 105°C
2) Bend Radius	10X Cable Diameter
3) Pull Tension	7.9 Lbs, Maximum
Electrical Properties	(For Engineering purposes only)
1) Voltage Rating	300 V_{RMS}
2) Inductance	0.05 µH/ft, Nominal
3) Conductor DCR	11.4 /1000ft @20°C, Nominal

Other

Packaging	Flange x Traverse x Barrel (inches)
a) 5000 FT	12 x 4.5 x 3.5 Continuous length
b) 1000 FT	6.5 x 4 x 2.5 Continuous length
c) 500 FT	6.5 x 2 x 1.9 Continuous length
d) 100 FT	2.75 x 2 x 1.125 Continuous length
e) Bulk(Made-to-order)	
	[Spool dimensions may vary slightly]
Notes:	
a) Many color and put-ups availible by special order, minimums may apply. Contact sales.	

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RoHS CERTIFICATE OF COMPLIANCE

To Whom It May Concern:

Alpha Wire Part Number:892010

892010 , RoHS-Compliant Commencing With1/19/2007Production

This document certifies that the Alpha part numbers cited above are manufactured in accordancewith Directive 2002/95/EC of the European Parliament and of the Council of 27 January 2003,better known as the RoHS Directives, with regards to restrictions of the use of certain hazardoussubstances used in the manufacture of electrical and electronic equipment. The reader is referredto these Directives for the specific definitions and extents of these Directives. ***No Exemptions arerequired for RoHS Compliance on this item.***

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) Polybrominated Diphenyl Ethers (PBDE)	0.1% by weight (1000 ppm)
Including Deca-BDE	0.1% by weight (1000 ppm)

The information provided in this document and disclosure is correct to the best of Alpha Wire'sknowledge, information and belief at the date of its release. The information provided is designedonly as a general guide for the safe handling, storage, and any other operation of the productitself or the one that it will become part of. The intent of this document is not to be considered awarranty or quality specification. Regulatory information is

for guidance purposes only. Productusers are responsible for determining the applicability of legislation and regulations based ontheir individual usage of the product.

Authorized Signatory for the Alpha Wire Company:



Dave Watson, Director of Engineering & QA 11/2/2012