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Customer Specification

PART NO. 891626

Construction

		Diameters (In)
1) Component 1	1 X 1 HOOKUP	
a) Conductor	16 (26/30) AWG TC	
b) Insulation	0.016" Wall, Nom. PVC	0.092+/- 0.002
(1) Print	16 AWG EXXXXX RU AWM STYLE 1569 105C 300V VW-1 OR AWM 1007 LLXXXXX CSA AWM I A/B 105C 300V FT1 OR TR64 90C <i>[Note: Product may have c(UL) or CSA markings depending upon plant of manufacture.]</i>	
(2) Color(s)	WHITE, BLACK, RED, GREEN, YELLOW, BLUE, BROWN ORANGE, SLATE, VIOLET	

Applicable Specifications

1) UL	AWM/STYLE 1569	105°C / 300 V _{RMS}
	VW-1	
2) CSA International	AWM/STYLE 1007	80°C / 300 V _{RMS}
	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.
2) California Proposition 65:	The outer surface materials used in the manufacture of this part meet the requirements of California Proposition 65.

Properties

Physical & Mechanical Properties	
1) Temperature Range	-20 to 105°C
2) Bend Radius	10X Cable Diameter
3) Pull Tension	20.4 Lbs, Maximum
Electrical Properties (For Engineering purposes only)	
1) Voltage Rating	300 V _{RMS}
2) Inductance	0.04 µH/ft, Nominal
3) Conductor DCR	4.4 /1000ft @20°C, Nominal

Other

1) Packaging	
a) 5000 FT	
b) 2500 FT	
c) 1000 FT	
d) 500 FT	
e) 100 FT	
f) Bulk(Made-to-order)	

www.alphawire.com

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

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RoHS CERTIFICATE OF COMPLIANCE

To Whom It May Concern:

Alpha Wire Part Number:891626

891626 , RoHS-Compliant Commencing With1/29/2007Production

*This document certifies that the Alpha part numbers cited above are manufactured in accordance with 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 hazardous substances used in the manufacture of electrical and electronic equipment. The reader is referred to these Directives for the specific definitions and extents of these Directives. **No Exemptions are required 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	0.1% 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)

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Authorized Signatory for the Alpha Wire Company:

Dave Watson, Director of Engineering &QA

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