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# Customer Specification

## PART NO. 3077

### ProductConstruction

		Diameters (In)
1) Component 1	1 X 1 HOOKUP	
a) Conductor	16 (26/30) AWG TC	0.060
b) Insulation	0.032" Wall, Nom. PVC	0.124+/- 0.004
(1) Print	ALPHA WIRE E163872.* (UL) MTW 600V OR AWM STYLE 1015/1230 105C 600V VW-1 16 AWG ---- LLXXXX CSA AWM I A/B 105C 600V FT1 OR TEW 105C 600V FT1 CE ROHS {0} * = Factory Code <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, GREEN/YELLOW, YELLOW/GREEN	

### ProductIndustryApprovals

1) UL	AWM/STYLE 1015	105°C / 600 V <sub>RMS</sub>
	MTW	90°C Dry / 60°C Wet / 600 V <sub>RMS</sub>
	AWM/STYLE 1230	105°C / 600 V <sub>RMS</sub>
	VW-1	
2) CSA International	TEW-105	105°C / 600 V <sub>RMS</sub>
	AWM I A/B	105°C / 600 V <sub>RMS</sub>
	FT1	
3) CE:	EU Low Voltage Directive 2006/95/EC	

### ProductEnvironmental

1) EU Directive 2011/65/EU(RoHS2):	All materials used in the manufacture of this part are in compliance with European Directive 2011/65/EU 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:	The outer surface materials used in the manufacture of this part meet the requirements of California Proposition 65.	

### ProductProperties

Physical & Mechanical Properties	
1) Temperature Range	-40 to 105°C
2) Bend Radius	5X Cable Diameter
3) Pull Tension	20.4 Lbs, Maximum
Electrical Properties	
(For Engineering purposes only)	
1) Voltage Rating	600 V <sub>RMS</sub>
2) Inductance	0.06 μH/ft, Nominal
3) Conductor DCR	4.4 Ω/1000ft @20°C, Nominal

## ProductOther

Packaging	Flange x Traverse x Barrel (inches)
a) 1000 FT	12 x 4.5 x 3.5 Continuous length
b) 1000 FT UK	11 x 3 x 5 Continuous length
c) 500 FT	6.5 x 6 x 1.9 Continuous length
d) 100 FT UK	3.5 x 3 x 1.125 Continuous length
e) 100 FT	6.5 x 2 x 1.9 Continuous length
	<i>[Spool dimensions may vary slightly]</i>
Notes:	
a) Certain colors and put-ups are available as a special order only, minimums may apply.	

[www.alphawire.com](http://www.alphawire.com)

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