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

Request a Sample

Customer Specification

PART NO. 67050

Construction

		Diameters (mm)
1) Component 1	1 X 1 HOOKUP	
a) Conductor	0.50 (28/0.16) mm^2 Tinned Copper	0.93
b) Insulation	0.250 mm Wall, Nom. Modified Polyphenylene Ether	1.43+/- 0.05
(1) Print	ALPHA WIRE-* P/N 67050 ECOWIRE TM 0.5MM2 E163869 RU AWM 11028 105C 600V VW-1 --- CRU AWM I A/B 105C 600V FT1 CE ROHS * = Factory Code	
(2) Color(s)	BLACK, RED, WHITE, BLUE, GREEN, BROWN, YELLOW ORANGE, VIOLET, GREEN/YELLOW	

Applicable Specifications

1) UL	AWM/STYLE 11028	105°C / 600 V_{RMS}
	VW-1	
2) CSA International	C(RU) AWM I A/B FT1	105°C / 600 V_{RMS}
3) Other	Halogen-Free	
	IEC 60332-2 Flame Behavior	
4) CE:	EU Low Voltage Directive 2014/35/EU	

Environmental

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 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.

Properties

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Physical & Mechanical Properties	
1) Temperature Range	-40 to 105°C
2) Bend Radius	10X Cable Diameter
Electrical Properties	(For Engineering purposes only)
1) Voltage Rating	600 V_{RMS}
2) Inductance	0.13 µH/m, Nominal
3) Conductor DCR	40 Ω/Km @20°C, Nominal

Other

Packaging	Flange x Traverse x Barrel (inches)
a) 500 M	6.5 x 4 x 2.5 Continuous length
b) 100 M	3.5 x 3 x 1.125 Continuous length
c) 50 M	2.75 x 2 x 1.125 Continuous length
	[Spool dimensions may vary slightly]
Notes:	
a) Certain colors and put-up combinations may only be available by special order, minimums may apply.	

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