

ALPHA WIRE
CUSTOMER PRODUCT SPECIFICATION

Part Number: 6822
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Issue: 1
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A. Construction	Diameters (In)
1) Component 1	1 X 1 HOOKUP
a) Conductor	24 (7/32) AWG BC
b) Insulation	0.008" Wall, Nom. Modified Polyphenylene Ether
(1) Color(s)	0.040+/- 0.002
	WHITE, BLACK, RED, GREEN, YELLOW, BLUE, BROWN
	ORANGE, GREEN/YELLOW
B. Applicable Specifications	
1) Other	Halogen-Free
	Suitable for ISO 6722 60 V _{RMS}
2) CE:	LVD 73/23/EEC Amendment 93/68/EEC
C. Environmental Compliance	
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) REACH Regulation (EC 1907/2006):	This product does not contain any of the substances listed on the European Union REACH Substance of Very High Concern (SVHC) candidate list, dated 30 March 2010, in excess of a concentration of 0.1% weight/weight.
D. Physical & Mechanical Properties	
1) Temperature Range	-40 to 110°C
2) Bend Radius	10X Cable Diameter
3) Pull Tension	3.5 Lbs, Maximum
E. Electrical Properties	
	(For Engineering purposes only)
1) Voltage Rating	300 V _{RMS}
2) Inductance	0.05 µH/ft, Nominal
3) Conductor DCR	23.6 Ω/1000ft @20°C, Nominal
F. Other	
1) Packaging	Flange x Traverse x Barrel (inches)
a) 1000 FT	6.5 x 3 x 3.25 Continuous length
b) 100 FT	3.75 x 2 x 1.75 Continuous length
c) Bulk(Made-to-order)	
	<i>[Spool dimensions may vary slightly]</i>

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