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ALPHA WIRE COMPANY
CUSTOMER PRODUCT SPECIFICATION

Part Number: 6718		**Issue:**	**1**
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A. Construction — **Diameters (In)**

1) Component 1	1 X 1 HOOKUP		
a) Conductor	12 (65/30) AWG TC		0.093
b) Insulation	0.012" Wall, Nom. Modified Polyphenilether		0.117+/- 0.002
(1) Print	12 AWG E20042-* (UR) AWM 11028 105C 600V VW-1 CRU AWM I A/B 105C 600V FT1 ROHS		
(2) Color(s)	WHITE, BLACK, RED, GREEN, YELLOW, BLUE, BROWN ORANGE, SLATE, VIOLET, YELLOW/GREEN		

B. Industry Approvals

1) UL	AWM/STYLE 11028	105°C / 600 V_{RMS}
2) CSA International	C(RU) AWM I A/B FT1	105°C / 600 V_{RMS}
3) Other	Halogen-Free	

C. Environmental Approvals

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 16 substances listed on the European Union's REACH Substance of Very High Concern (SVHC) candidate list in excess of 0.1% mass of the item.

D. Physical & Mechanical Properties

1) Temperature Range	-40 to 105°C
2) Bend Radius	10X Cable Diameter
3) Pull Tension	51 Lbs, Maximum

E. Electrical Properties (For Engineering purposes only)

1) Voltage Rating	600 V_{RMS}
2) Inductance	0.03 µH/ft, Nominal
3) Conductor DCR	1.75 Ω/1000ft @20°C, Nominal

F. Other

1) Packaging
   a) 1000 FT
   b) 100 FT

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