

Customer Specification

PART NO. 1892C

Construction

						Diameter ("in")	
1) Component 1						2 x 1 COND	
a) Conductor						12 (65/30) AWG Tinned Copper	0.093
b) Insulation						0.020" Wall, Nom. PVC	0.133
(1) Color Code						Alpha Wire Color Code D	
Cond	Color	Cond	Color	Cond	Color		
1	BLACK	2	RED				
2) Cable Assembly						2 Components Cabled	
a) Twists						3.2 Twists/foot (min.)	
b) Orientation						Components to be arranged from INSIDE LAYER-to-OUTSIDE LAYER	
3) Jacket						0.023" Wall, Nom. PVC	0.312 (0.327 max.)
a) Color(s)						SLATE	
b) Print						ALPHA WIRE-* P/N 1892C 2C 12 AWG (UL) 75C TYPE CL2 OR C(RU) AWM I/II A/B 80C 300V FT1 CE ROHS * = Factory Code	

Applicable Specifications

1) UL	CL2	75°C
	VW-1	
2) CSA International	C(RU) AWM I/II A/B FT1	80°C / 300 V _{RMS}
3) CE	EU Low Voltage Directive 2014/35/EU	

Environmental

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1) CE: EU Directive 2011/65/EU(RoHS2), EU Directive 2015/863/EU (RoHS3)	
	This product complies with European Directive 2011/65/EU (RoHS Directive) of the European Parliament and of the Council of 8 June 2011 and the amending Directive 2015/863/EU of 4 June 2015 . No Exemptions are required for RoHS Compliance on this item.
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.
3) California Proposition 65	This product may contain substances known to the State of California to cause Cancer or Reproductive Harm, but is exempt from labeling based on the Consent Judgement. See the Alpha Wire website for more detail.

Properties

Physical & Mechanical Properties	
1) Temperature Range	-20 to 80°C
2) Bend Radius	10X Cable Diameter
3) Pull Tension	102 lbs. (max.)
Electrical Properties <i>(For Engineering purposes only)</i>	
1) Voltage Rating	300 V _{RMS}
2) Capacitance	35 pF/ft @1 kHz, Nominal Conductor-to-Conductor
3) Characteristic Impedance	56 ω
4) Inductance	0.16 μH/ft, Nominal
5) Conductor DCR	1.76 ω/1000ft @20°C, Nominal

Other

Packaging	Flange x Traverse x Barrel (inches)
a) 1000 FT	18 x 9 x 8 Continuous Length
b) 500 FT	12 x 10.5 x 5 Continuous Length
c) 100 FT	10.5 x 5 x 3.5 Continuous Length
	<i>Spool dimensions may vary slightly.</i>

www.alphawire.com

Alpha Wire
2200 US Highway 27 South
Richmond, IN 47374

Tel: 1-800-52 ALPHA

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☐ Alpha ☐ 2011/65/EU ☐ RoHS2 ☐ 2015/863/EU
RoHS ☐ SJ/T 11364-2014

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Lead	□□□□□□□□□□0.1% (1000 ppm)
Mercury	□□□□□□□□□□0.1% (1000 ppm)
Cadmium	□□□□□□□□□□0.01% (100 ppm)
Hexavalent Chromium	□□□□□□□□□□0.1% (1000 ppm)
Polybrominated Biphenyls (PBB)	□□□□□□□□□□0.1% (1000 ppm)
Polybrominated Diphenyl Ethers (PBDE), Including Deca-BDE	□□□□□□□□□□0.1% (1000 ppm)
Bis(2-ethylhexyl) phthalate (DEHP)	□□□□□□□□□□0.1% (1000 ppm)
Butyl benzyl phthalate (BBP)	□□□□□□□□□□0.1% (1000 ppm)
Dibutyl phthalate (DBP)	□□□□□□□□□□0.1% (1000 ppm)
Diisobutyl phthalate (DIBP)	□□□□□□□□□□0.1% (1000 ppm)

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