

□□□□□

□□□ **1896/4C**

Construction

						Diameter ("in")	
1) Component 1						4 x 1 COND	
a) Conductor						20 (7/28) AWG Tinned Copper	0.038
b) Insulation						0.016" Wall, Nom. PVC	0.070
(1) Color Code						Alpha Wire Color Code D	
Cond	Color	Cond	Color	Cond	Color		
1	BLACK	3	WHITE				
2	RED	4	GREEN				
2) Cable Assembly						4 Components Cabled	
a) Twists						4.8 Twists/foot (min.)	
b) Orientation						Components to be arranged from INSIDE LAYER-to-OUTSIDE LAYER	
3) Jacket						0.020" Wall, Nom. PVC	0.209 (0.220 max.)
a) Color(s)						Slate, Black	
b) Print						ALPHA WIRE-* P/N 1896/4C 4C 20 AWG (UL) 75C TYPE CM OR AWM 2509 OR C(UL) 60C TYPE CMG FT4 CE ROHS * = Factory Code <i>Note: Product may have c(UL) or CSA markings depending upon plant of manufacture.</i>	

Applicable Specifications

1) UL	AWM/STYLE 2509	80°C / 300 V _{RMS}
	CM	75°C
	VW-1	
2) CSA International	CMG	60°C
	FT4	
3) CE	EU Low Voltage Directive 2014/35/EU	

Environmental

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	35 lbs. (max.)
Electrical Properties <i>(For Engineering purposes only)</i>	
1) Voltage Rating	300 V _{RMS}
2) Capacitance	27 pF/ft @1 kHz, Nominal Conductor-to-Conductor
3) Inductance	0.19 µH/ft, Nominal
4) Conductor DCR	10.2 ω/1000ft @20°C, Nominal

Other

Packaging	Flange x Traverse x Barrel (inches)
a) 3500 FT	18 x 14.25 x 8 Continuous Length
b) 1000 FT	12 x 10.5 x 5 Continuous Length
c) 500 FT	12 x 5.94 x 5 Continuous Length
d) 100 FT	6.5 x 4 x 2.5 Continuous Length
e) Bulk(Made-to-order)	
	<i>Spool dimensions may vary slightly.</i>
Note	
a) Certain color & put-up combination may be subjected to minimum order quantity.	

Alpha Wire
2200 US Highway 27 South
Richmond, IN 47374

Alpha Wire "Alpha" 00000000000000000000 00000000000000000000000000000000 00000000000000000000000000000000
00000Alpha0000000000000000000000000000
00000Alpha00000000000000000000000000 00000

ALPHA WIRE - CONFIDENTIAL AND PROPRIETARY Notice to persons receiving this document and/or technical information. This document is confidential and is the exclusive property of ALPHA WIRE, and is merely on loan and subject to recall by ALPHA WIRE at any time. By taking possession of this document, the recipient acknowledges and agrees that this document cannot be used in any manner adverse to the interests of ALPHA WIRE, and that no portion of this document may be copied or otherwise reproduced without the prior written consent of ALPHA WIRE. In the case of conflicting contractual provisions, this notice shall govern the status of this document.

©2019 ALPHA WIRE - all rights reserved.



11

1896/4C□□□RoHS□□□□ 2005/8/1 □□□□□□

□□□□

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)

Alpha Wire □□□□□□□□

DeBW

