

## Customer Specification

### PART NO. 1896/4L

### Construction

						Diameters (In)		
1) Component 1						4 X 1 COND		
a) Conductor						20 (7/28) AWG Tinned Copper		0.038
b) Insulation						0.016" Wall, Nom. Low Smoke Zero Halogen (LSZH)		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						0.025" Wall, Nom., Low Smoke Zero Halogen (LSZH)		0.219 (0.230 Max.)
a) Color(s)						SLATE		
b) Print						ALPHA WIRE-* P/N 1896/4L 4C 20 AWG EXXXXXX 75C (UL) C(UL) TYPE CMG --- LSZH CE ROHS * = Factory Code <i>[Note: Product may have c(UL) or CSA markings depending upon plant of manufacture.]</i>		

### Applicable Specifications

1) UL	CMG	75°C
2) CSA International	FT4	
	C(UL) TYPE CMG	75°C
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.

## Properties

Physical & Mechanical Properties	
1) Temperature Range	-20 to 75°C
2) Bend Radius	10X Cable Diameter
3) Pull Tension	35 Lbs, Maximum
Electrical Properties	
	(For Engineering purposes only)
1) Voltage Rating	300 V <sub>RMS</sub>
2) Capacitance	24.1 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) 1000 FT	12 x 10.5 x 5 Continuous length
b) 500 FT	12 x 5.94 x 5 Continuous length
c) 100 FT	6.5 x 4 x 2.5 Continuous length
d) Bulk(Made-to-order)	
	<i>[Spool dimensions may vary slightly]</i>
Notes:	
a) Flammability - Passes IEC 60332-1	
b) Acid Gas Generation - Passes IEC 60754-1 and 60754-2	
c) Smoke Emission - Passes IEC 61034-2	

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