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Construction

						Diameters (In)	
1) Component 1					3 X 1 COND		
a) Con	ductor					18 (16/30) AWG Tinned Copper	0.047
b) Insu	lation					0.016" Wall, Nom. PVC	0.079
(1) Col	or(s)						
Cond	Color	Cond	Color	Cond	Color		
1	BROWN	2	BLUE	3	GREEN/YELLOW		
2) Cabl	e Assemb	ly				3 Components Cabled	
a) Twis	ts:					4.8 Twists/foot (min)	
b) Orientation:					Components to be arranged from INSIDE LAYER to OUTSIDE LAYER		
c) Core Wrap					Clear Mylar Tape, 25% Overlap, Min.		
3) Shield:					Alum/Mylar Tape, 25% Overlap, Min.		
a) Foil Direction					Foil Facing In		
b) Drain Wire					18 (16/30) AWG Tinned Copper		
4) Jacket					0.032" Wall, Nom.,PVC	0.241 (0.252 Max.)	
a) Color(s)					SLATE		
b) Ripcord					1 End 810 Denier Nylon		
c) Print					ALPHA WIRE-* P/N M4693 3C 18 AWG EXXXXXX SHIELDED 75C CMG (UL) C(UL) OR AWM 2464 CE ROHS * = Factory Code [Note: Product may have c(UL) or CSA markings depending upon plant of manufacture.]		

Applicable Specifications

1) UL	AWM/STYLE 2464	80°C / 300 V _{RMS}
	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.
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 information.

Properties

Physical & Mechanical Properties		
1) Temperature Range	-20 to 80°C	
2) Bend Radius	10X Cable Diameter	
3) Pull Tension	50 Lbs, Maximum	
Electrical Properties	(For Engineering purposes only)	
1) Voltage Rating	300 V _{RMS}	
2) Capacitance	52 pF/ft @1 kHz, Nominal Conductor to Conductor	
3) Ground Capacitance	94 pF/ft @1 kHz, Nominal	
4) Inductance	0.18 μH/ft, Nominal	
5) Conductor DCR	7 Ω/1000ft @20°C, Nominal	
6) OA Shield DCR	6 Ω/1000ft @20°C, Nominal	

Other

Packaging	Flange x Traverse x Barrel (inches)	
a) 1000 FT	13.5 x 10 x 4 Continuous length	
b) 500 FT	12 x 5.94 x 5 Continuous length	
c) 100 FT	10.5 x 5 x 3.5 Continuous length	
d) Bulk(Made-to-order)		
	[Spool dimensions may vary slightly]	

www.alphawire.com

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Tel: 1-800-52 ALPHA

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Alpha Wire □□□□M4693

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

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