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Construction

						Diameters (In)	
1) Component 1						1 X 1 PAIR	
a) Conductor						24 (7/32) AWG Tinned Copper	0.024
b) Insulation						0.010" Wall, Nom. PVC, Semi Rigid	0.044
(1) Color Code						Alpha Wire Color Code K	
Pair	Color	Pair	Color	Pair	Color		
1	BLACK-RED						
c) Pair						2/Cond Cabled Together	
(1) Twists:						9.6 Twists/foot (min)	
2) 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						24 (7/32) AWG Tinned Copper	
4) Jacket						0.032" Wall, Nom.,PVC	0.159 (0.169 Max.)
a) Color(s)						SLATE	
b) Ripcord						1 End 810 Denier Nylon	
c) Print						ALPHA WIRE-* P/N M13190 1PR 24 AWG EXXXXXX SHIELDED 75C CMG (UL) C(UL) OR AWM 2464 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
	AWM/STYLE 2464	80°C / 300 V _{RMS}
2) CSA International	C(UL) TYPE CMG	75°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 information.

Properties

Physical & Mechanical Properties	
1) Temperature Range	-20 to 80°C
2) Bend Radius	10X Cable Diameter
3) Pull Tension	10.6 Lbs, Maximum
Electrical Properties	
(For Engineering purposes only)	
1) Voltage Rating	300 V _{RMS}
2) Mutual Capacitance	34 pF/ft @1 kHz, Nominal
3) Ground Capacitance	61 pF/ft @1 kHz, Nominal
4) Characteristic Impedance	55 Ω
5) Inductance	0.19 μH/ft, Nominal
6) Conductor DCR	25 Ω/1000ft @20°C, Nominal
7) OA Shield DCR	20.7 Ω/1000ft @20°C, Nominal

Other

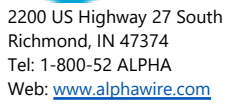
Packaging	Flange x Traverse x Barrel (inches)
a) 1000 FT	12 x 5.94 x 5 Continuous length
b) 500 FT	10.5 x 5 x 3.5 Continuous length
c) 100 FT	6.5 x 2 x 1.9 Continuous length
d) Bulk(Made-to-order)	
	<i>[Spool dimensions may vary slightly]</i>

Alpha Wire
2200 US Highway 27 South
Richmond, IN 47374

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M13190□□□RoHS□□□□ 2005/7/1 □□□□□□

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