

Customer Specification

PART NO. M13350

Construction

						Diameters (In)	
1) Component 1						50 X 1 COND	
a) Conductor						22 (7/30) AWG Tinned Copper	0.030
b) Insulation						0.010" Wall, Nom. PVC, Semi Rigid	0.050
(1) Color Code						Alpha Wire Color Code F	
Cond	Color	Cond	Color	Cond	Color		
1	BLACK	18	ORANGE/	35	WHITE/RE		
2	WHITE	19	BLUE/RED	36	ORANGE/V		
3	RED	20	RED/GREE	37	WHITE/RE		
4	GREEN	21	ORANGE/	38	BLACK/WH		
5	ORANGE	22	BLACK/W	39	WHITE/BL		
6	BLUE	23	WHITE/BL	40	RED/WHIT		
7	WHITE/BL	24	RED/BLAC	41	GREEN/W		
8	RED/BLAC	25	GREEN/BL	42	ORANGE/R		
9	GREEN/BL	26	ORANGE/	43	BLUE/RED/		
10	ORANGE/	27	BLUE/BLA	44	BLACK/WH		
11	BLUE/BLA	28	BLACK/RE	45	WHITE/BL		
12	BLACK/W	29	WHITE/RE	46	RED/WHIT		
13	RED/WHIT	30	RED/BLAC	47	GREEN/OR		
14	GREEN/W	31	GREEN/BL	48	ORANGE/R		
15	BLUE/WHI	32	ORANGE/	49	BLUE/RED/		
16	BLACK/RE	33	BLUE/WHI	50	BLACK/OR		
17	WHITE/RE	34	BLACK/W				
2) Cable Assembly						50 Components Cabled	
a) Twists:						2.0 Twists/foot (min)	
b) Orientation:						Components to be arranged from INSIDE LAYER to OUTSIDE LAYER	
3) Jacket						0.045" Wall, Nom.,PVC	0.498 (0.523 Max.)
a) Color(s)						SLATE	
b) Print						ALPHA WIRE-* P/N M13350 50C 22 AWG EXXXXXX 75C CM (UL) C(UL) OR AWM STYLE 2576 CE ROHS * = Factory Code [Note: Product may have c(UL) or CSA markings depending upon plant of manufacture.]	

Applicable Specifications

1) UL	AWM/STYLE 2576	80°C / 150 V _{RMS}
	CM	75°C
2) CSA International	C(UL) TYPE CM	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	275 Lbs, Maximum
Electrical Properties	
(For Engineering purposes only)	
1) Voltage Rating	300 V _{RMS}
2) Capacitance	22.8 pF/ft @1 kHz, Nominal Conductor to Conductor
3) Inductance	0.18 μH/ft, Nominal
4) Conductor DCR	16.5 Ω/1000ft @20°C, Nominal

Other

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Packaging	Flange x Traverse x Barrel (inches)
a) 1000 FT	24 x 14 x 12 Continuous length
b) 500 FT	18 x 14.25 x 8 Continuous length
c) 100 FT	18 x 9 x 8 Continuous length
	<i>[Spool dimensions may vary slightly]</i>

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