

## Style UL1431 Hook-up Wire

Internal wiring of Appliances or electronic equipments and motor leads where exposed to temperature not exceeding 105 C

### Description:

Conductor material of Tinned or Bare copper  
 Operating temperature -10°C~105 °C  
 Rated Voltage 600 V (Spark voltage 6000 V)  
 Flame resistance VW-1 and FT1  
 RoHS Compliant  
 Meets MIL-W-16878/3 Type D

### Specification:

Gauge (AWG)	Number of Strands	Gauge of Strands (AWG)	Nom. Dia. of Stranded Conductor		Nom. Fin. Wire Diam.		Max. Resistance (dc at 20°C) Ohm/per		Nom. Wt.	
			Inch	mm	Inch	mm	1000-ft	Km	LBS./1000 ft.	Kg/Km
10	19	23	.1209	3.07	.1839	4.67	1.08	3.55	43.30	64.24
12	19	25	.0992	2.52	.1622	4.12	1.72	5.64	30.88	45.82
14	19	27	.0740	1.88	.1370	3.48	2.73	8.96	19.32	28.67
16	1	16	.0512	1.30	.1142	2.90	4.26	14.0	13.26	19.69
16	19	29	.0591	1.50	.1220	3.10	4.45	14.6	13.86	20.57
16	7	25	.0591	1.50	.1220	3.10	4.45	14.6	14.13	20.97
16	26	30	.0591	1.50	.1220	3.10	4.45	14.6	13.71	20.34
18	1	18	.0402	1.02	.1031	2.62	6.77	22.2	9.48	14.07
18	7	26	.0465	1.18	.1094	2.78	7.06	23.2	9.99	14.83
18	16	30	.0465	1.18	.1094	2.78	7.06	23.2	9.84	14.60
18	19	31	.0465	1.18	.1094	2.78	7.06	23.2	9.93	14.72
20	1	20	.0320	0.813	.0950	2.41	10.7	35.2	7.16	10.63
20	7	29	.0362	0.92	.0992	2.52	11.2	36.7	7.27	10.80
20	10	30	.0374	0.95	.1004	2.55	11.2	36.7	7.58	11.24
20	19	33	.0374	0.95	.1004	2.55	11.2	36.7	7.63	11.31
22	1	22	.0252	0.64	.0882	2.24	17.2	56.4	5.53	8.21
22	7	30	.0299	0.76	.0929	2.36	18.1	59.4	6.21	9.21
22	19	35	.0299	0.76	.0929	2.36	18.1	59.4	5.93	8.78
24	1	24	.0201	0.51	.0831	2.11	27.3	89.3	4.51	6.67
24	7	32	.0240	0.61	.0870	2.21	28.7	94.2	4.84	7.18
24	19	36	.0240	0.61	.0870	2.21	28.7	94.2	5.04	7.48
26	1	26	.0157	0.40	.0787	2.00	43.5	143	3.76	5.56
26	7	34	.0197	0.50	.0827	2.10	45.8	150	4.09	6.07
26	19	38	.0197	0.50	.0827	2.10	45.8	150	4.14	6.14
28	1	28	.0126	0.32	.0756	1.92	69.3	227	3.27	4.86
30	1	30	.0100	0.254	.0730	1.85	110	361	2.94	4.35

### Order reference:

Colors available: 0-Black, 1-Brown, 2-Red, 3-Orange, 4-Yellow, 5-Green, 6-Blue, 7-Violet, 8-Grey, 9-White, 5/4 – Green W/ Yellow

Striping: Longitudinal and Parallel Stripes Available Per Request

Delivery: All Stocked Items Available for Immediate Shipment, 8 Week Lead Time for Non-stocked Items

Package: Stocked in Spools, Barrel Pack Available Per Request

Wire Processing: Cut, Strip, and Tinning Available