

# XLPE Insulated material

## Style UL3271 Hook-up Wire

Internal wiring of electronic equipment.

### Description:

Conductor material of Tinned or Bare copper

Rated temperature 125 °C

Rated Voltage 600 V (Spark voltage 6000 V)

Flame resistance FT2

RoHS Compliant

### 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
4/0	259	21	.5197	13.20	.6299	16.00	0.05248	0.1722	678.87	1010.03
3/0	259	22	.4610	11.71	.5713	14.51	0.06688	0.2194	541.02	804.93
2/0	259	23	.4173	10.60	.5276	13.40	0.0814	0.2670	447.99	666.52
1/0	259	24	.3657	9.29	.4760	12.09	0.1026	0.3367	350.59	521.60
1	259	25	.3331	8.46	.4433	11.26	0.1300	0.4268	294.39	437.99
2	259	26	.2854	7.25	.3760	9.55	0.1641	0.5384	214.90	319.72
4	133	25	.2386	6.06	.3291	8.36	0.2608	0.8559	154.64	230.07
6	266	30	.1882	4.78	.2787	7.08	0.4148	1.361	101.14	150.47
8	168	30	.1496	3.80	.2402	6.10	0.6795	2.23	67.87	100.97
10	105	30	.1181	3.00	.1795	4.56	1.08	3.55	40.66	60.50
12	65	30	.0933	2.37	.1547	3.93	1.72	5.64	26.99	40.16
14	41	30	.0740	1.88	.1354	3.44	2.73	8.96	18.54	27.58
16	26	30	.0591	1.50	.1205	3.06	4.45	14.6	13.09	19.47
18	1	18	.0402	1.02	.1016	2.58	6.77	22.2	8.99	13.37
18	16	30	.0465	1.18	.1079	2.74	7.06	23.2	9.31	13.85
20	1	20	.0320	0.813	.0934	2.37	10.7	35.2	6.72	10.00
20	21	33	.0374	0.95	.0988	2.51	11.2	36.7	7.12	10.59
22	17	34	.0299	0.76	.0913	2.32	18.1	59.4	5.53	8.22
24	7	32	.0240	0.61	.0854	2.17	28.7	94.2	4.45	6.63
24	11	34	.0240	0.61	.0854	2.17	28.7	94.2	4.46	6.64
26	7	34	.0197	0.50	.0811	2.06	45.8	150	3.73	5.55
28	1	28	.0126	0.32	.0740	1.88	69.3	227	2.96	4.40
28	7	36	.0154	0.39	.0768	1.95	72.8	239	3.17	4.71
30	1	30	.0100	0.254	.0714	1.81	110	361	2.63	3.91

### 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