

# XLPE Insulated material

## Style UL3505 Hook-up Wire

Internal wiring of electronic equipment.

### Description:

Conductor material of Tinned or Bare copper

Rated temperature 150 °C

Rated Voltage 600 V (Spark voltage 6000V)

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	.6772	17.20	0.05248	0.1722	714.30	1062.74
3/0	259	22	.4610	11.71	.6185	15.71	0.06688	0.2194	573.21	852.83
2/0	259	23	.4173	10.60	.5748	14.60	0.0814	0.2670	477.77	710.83
1/0	259	24	.3657	9.29	.5232	13.29	0.1026	0.3367	377.53	561.68
1	259	25	.3295	8.37	.4870	12.37	0.13	0.4268	314.46	466.70
2	259	26	.2941	7.47	.4138	10.51	0.1641	0.5384	241.68	358.70
4	133	25	.2386	6.06	.3291	8.36	0.2608	0.8559	156.47	232.80
6	266	30	.1882	4.78	.2787	7.08	0.4148	1.361	102.65	152.72
8	168	30	.1496	3.80	.2402	6.10	0.6795	2.23	69.30	102.85
10	105	30	.1181	3.00	.1795	4.56	1.08	3.55	41.41	61.47
12	65	30	.0933	2.37	.1547	3.93	1.72	5.64	27.60	40.97
14	41	30	.0740	1.88	.1354	3.44	2.73	8.96	19.05	28.26
16	26	30	.0591	1.50	.1205	3.06	4.45	14.6	13.52	20.06
18	1	18	.0402	1.02	.1016	2.58	6.77	22.2	9.32	13.83
18	16	30	.0465	1.18	.1079	2.74	7.06	23.2	9.66	14.35
20	1	20	.0320	0.813	.0934	2.37	10.7	35.2	7.00	10.41
20	21	33	.0374	0.95	.0988	2.51	11.2	36.7	7.42	11.04
22	17	34	.0299	0.76	.0913	2.32	18.1	59.4	5.81	8.62
24	7	32	.0240	0.61	.0854	2.17	28.7	94.2	4.71	6.98
24	11	34	.0240	0.61	.0854	2.17	28.7	94.2	4.71	6.99
26	7	34	.0197	0.50	.0811	2.06	45.8	150	3.95	5.87
28	1	28	.0126	0.32	.0740	1.88	69.3	227	3.15	4.68
28	7	36	.0154	0.39	.0768	1.95	72.8	239	3.37	5.01
30	1	30	.0100	0.254	.0714	1.81	110	361	2.81	4.18

### 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

Stripping: 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