

# XLPE Insulated material

## Style UL1505 Hook-up Wire

Internal wiring of electronic equipment.

### Description:

Conductor material of Tinned or Bare copper  
Rated temperature 105 °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	.6772	17.20	0.0525	0.1722	714.30	1062.74
3/0	259	22	.4610	11.71	.6185	15.71	0.0669	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	.3331	8.46	.4906	12.46	0.1300	0.4268	319.52	475.38
2	259	26	.2854	7.25	.4051	10.29	0.1641	0.5384	225.47	335.45
4	133	25	.2386	6.06	.3646	9.26	0.2608	0.8559	168.77	251.10
6	266	30	.1882	4.78	.3142	7.98	0.4148	1.361	113.16	168.36
8	168	30	.1496	3.80	.2756	7.00	0.6795	2.23	78.27	116.46
10	105	30	.1181	3.00	.2126	5.40	1.08	3.55	47.80	71.12
12	65	30	.0933	2.37	.1878	4.77	1.72	5.64	33.20	49.40
14	41	30	.0740	1.88	.1685	4.28	2.73	8.96	24.03	35.75
16	7	25	.0591	1.50	.1378	3.50	4.45	14.6	16.07	23.90
16	26	30	.0591	1.50	.1378	3.50	4.45	14.6	15.72	23.39
18	1	18	.0402	1.02	.1189	3.02	6.77	22.2	11.21	16.67
18	7	26	.0465	1.18	.1252	3.18	7.06	23.2	11.82	17.58
18	16	30	.0465	1.18	.1252	3.18	7.06	23.2	11.67	17.36
20	1	20	.0320	0.813	.1107	2.81	10.7	35.2	8.76	13.04
20	10	30	.0374	0.95	.1161	2.95	11.2	36.7	9.26	13.78
20	21	33	.0374	0.95	.1161	2.95	11.2	36.7	9.28	13.81

### 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