



# POWER KABEL INC.

## SOFT DRAWN BARE COPPER

### APPLICATIONS & FEATURES

Used in overhead electrical transmission and distribution for grounding electrical systems where high conductivity and flexibility is required. Suitable for numerous other applications.

### INDUSTRY COMPLIANCES

ASTM B-3  $\square$  Soft or annealed copper wire

ASTM B-8  $\square$  Concentric-lay stranded copper conductors: hard, medium-hard, or soft

ASTM B-33  $\square$  Tinned soft or annealed copper wire

### CONSTRUCTION

**CONDUCTOR:**

Solid or concentric-lay stranded bare copper conductors available in soft temper. Solid or stranded tin coated copper conductors available in soft temper only.

AWG	STRANDS	OUTSIDE DIAMETER (INCHES)	RATED STRENGTH (LBS)	DC RESISTANCE OHMS/1000 FT @ 20°C	ALLOWABLE AMPACITY	APPROX WEIGHT (LBS./1000')
10	7	0.13	314	1.019	50	32.06
8	7	0.146	499	0.6408	95	51
6	7	0.184	794	0.403	130	81.1
4	7	0.232	1320	0.2534	170	128.9
3	7	0.26	1670	0.201	200	162.5
2	7	0.292	2110	0.1578	230	204.9
1	7	0.328	2552	0.1252	265	258.4
1/0	7	0.368	3221	0.1002	310	325.8
1/0	19	0.373	3221	0.1002	310	325.8
2/0	7	0.414	4062	0.07949	355	410.9
2/0	19	0.418	4024	0.07949	355	410.9
3/0	7	0.464	5118	0.06304	410	518.1
3/0	19	0.47	5074	0.06304	410	518.1
4/0	7	0.522	6459	0.04999	480	653.3
4/0	19	0.528	6453	0.04999	480	653.3
250	19	0.574	7627	0.04231	530	771.9
250	37	0.575	7940	0.04231	530	771.9
300	19	0.628	9160	0.03526	590	926.3
300	37	0.63	---	---	---	926.3
350	19	0.679	10680	0.03022	650	1081
350	37	0.681	10580	0.03022	650	1081
400	19	0.725	---	---	---	1235
400	37	0.728	---	---	---	1235
500	37	0.814	15240	0.02116	810	1544
600	37	0.891	18300	0.01763	910	1853
750	61	0.998	22890	0.0141	1040	2316
1000	61	1.152	30500	0.01058	1240	3088
1250	61	1.293	36320	0.008463	1075	3859
1250	91	1.289	36320	0.008463	1075	3859