



# POWER KABEL INC.

## MEDIUM HARD 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-22 Medium-hard-drawn copper wire

ASTM B-82 Concentric-lay stranded copper conductors: hard, medium-hard, or soft

ASTM B-33 Tinned soft or annealed copper wire

### CONSTRUCTION

CONDUCTOR:

Solid or concentric-lay stranded bare copper conductors available in medium hard 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	389	1.054	50	32.06
8	7	0.146	610	0.6629	95	51
6	7	0.184	959	0.4169	130	81.1
4	7	0.232	1505	0.2622	170	128.9
3	7	0.26	1885	0.2079	200	162.5
2	7	0.292	2360	0.165	230	204.9
1	7	0.328	2955	0.1309	265	258.4
1/0	7	0.368	3705	0.1037	310	325.8
1/0	19	0.373	3705	0.1037	310	325.8
2/0	7	0.414	4640	0.08224	355	410.9
2/0	19	0.418	4765	0.08224	355	410.9
3/0	7	0.464	5812	0.06522	410	518.1
3/0	19	0.47	5970	0.06522	410	518.1
4/0	7	0.522	7278	0.05172	480	653.3
4/0	19	0.528	7479	0.05172	480	653.3
250	19	0.574	8836	0.04378	530	771.9
250	37	0.575	8952	0.04378	530	771.9
300	19	0.628	10530	0.03648	590	926.3
300	37	0.63	---	---	---	926.3
350	19	0.679	12200	0.03127	650	1081
350	37	0.681	12450	0.03127	650	1081
400	19	0.725	---	---	---	1235
400	37	0.728	---	---	---	1235
500	37	0.814	17550	0.02189	810	1544
600	37	0.891	21060	0.01825	910	1853
750	61	0.998	26510	0.01459	1040	2316
1000	61	1.152	35100	0.01094	1240	3088
1250	61	1.293	43590	0.008755	1075	3859
1250	91	1.289	43880	0.008755	1075	3859