



POWER KABEL INC.

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-1 Hard-drawn copper wire

ASTM B-8 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 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	492	1.06	50	32.06
8	7	0.146	777	0.6663	95	51
6	7	0.184	1228	0.4191	130	81.1
4	7	0.232	1938	0.2636	170	128.9
3	7	0.26	2433	0.209	200	162.5
2	7	0.292	3050	0.166	230	204.9
1	7	0.328	3801	0.1316	265	258.4
1/0	7	0.368	4752	0.1042	310	325.8
1/0	19	0.373	4752	0.1042	310	325.8
2/0	7	0.414	5926	0.08267	355	410.9
2/0	19	0.418	6690	0.08267	355	410.9
3/0	7	0.464	7366	0.06556	410	518.1
3/0	19	0.47	7698	0.06556	410	518.1
4/0	7	0.522	9154	0.05199	480	653.3
4/0	19	0.528	9617	0.05199	480	653.3
250	19	0.574	11360	0.044	530	771.9
250	37	0.575	11600	0.044	530	771.9
300	19	0.628	13510	0.03667	590	926.3
350	19	0.679	15590	3143	650	1081
350	37	0.681	16060	0.03143	650	1081
500	37	0.814	22510	0.022	810	1544
600	37	0.891	27020	0.01834	910	1853
750	61	0.998	34090	0.01467	1040	2316
1000	61	1.152	45030	0.011	1240	3088
1250	61	1.293	55670	0.008801	1075	3859
1250	91	1.289	56280	0.008801	1075	3859
1500	61	1.411	65840	0.007334	1180	4631
1500	91	1.412	67540	0.007334	1180	4631