



# POWER KABEL INC.

## Solid Bare Copper-Clad Steel

### APPLICATIONS & FEATURES

Ground wires; telephone, telegraph, and railway signal line. Hard drawn and annealed, 40% and 30% conductivity copper-clad steel wire. Tempers available: high-strength (HS), extra-high-strength (EHS), or dead-soft annealed (DSA).

### INDUSTRY COMPLIANCES

ASTM B-227 Hard drawn copper-clad steel wire  
 ASTM B-910 Annealed copper-clad steel wire

### CONSTRUCTION

**CONDUCTOR:** Stranded Bare Copper-Clad Steel

AWG	OUTSIDE DIAMETER (INCHES)	BREAKING LOAD * (LBS)				WEIGHT PER 1000 FT	RESISTANCE OHMS PER 1000 FT @ 68°F	
		HARD DRAWN MINIMUM	ANNEALED APPROX	HARD DRAWN MINIMUM	ANNEALED APPROX		CONDUCTIVITY	
		CONDUCTIVITY		CONDUCTIVITY			40%	30%
		40%		30%				
4	0.2043	2750	1480	2950	1640	115.8	.6337	.8447
5	0.1819	2260	1170	2420	1300	91.86	.7990	1.065
6	0.162	1865	930	2000	1030	72.85	1.008	1.343
7	0.1443	1540	740	1630	820	57.77	1.270	1.694
8	0.1285	1265	580	1350	650	45.81	1.602	2.136
9	0.1144	1040	460	1110	510	36.33	2.020	2.693
10	0.1019	850	370	925	410	28.81	2.547	3.396
11	0.09074	700	320	765	360	22.85	3.213	4.284
12	0.08081	575	260	625	280	18.12	4.051	5.399