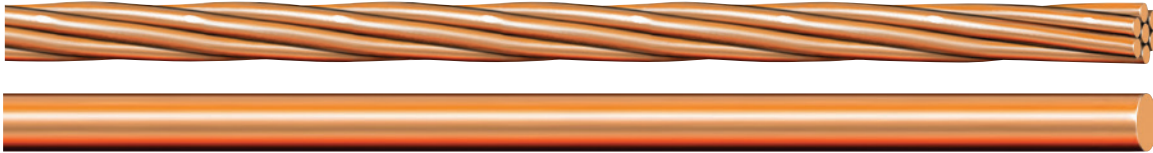


## Bare Copper

Stranded or solid conductor / bare or tinned / soft (annealed) / medium hard / hard drawn



### Applications

For use in electrical grounding systems and on insulators for overhead transmission and distribution applications.

### Specifications and Ratings

- ASTM B-1 (hard drawn)
- ASTM B-2 (medium hard drawn)
- ASTM B-3 (soft or annealed)
- ASTM B-8 (concentric lay stranded)
- ASTM B-33 (tinned soft or annealed)
- RoHS Compliant



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## Bare Copper

Stranded or solid conductor / bare or tinned / soft (annealed) / medium hard / hard drawn

### Stranded Copper

Conductor Size	Number of Strands	Stranding Class	Nominal Diameter Inches	Net Weight Lbs/Mft	Hard Drawn DC Resistance Ohms/Mft @ 20°C	Medium Drawn DC Resistance Ohms/Mft @ 20°C	Soft Drawn DC Resistance Ohms/Mft @ 20°C
16	7	B	0.0576	7.9	4.2590	4.2370	4.0960
14	7	B	0.0726	12.7	2.6790	2.6650	2.6650
12	7	B	0.0915	20.2	1.6850	1.6760	1.6200
10	7	B	0.1160	32.0	1.0600	1.0540	1.0200
8	7	B	0.1460	50.9	0.6663	0.6629	0.6408
6	7	B	0.1840	81.0	0.4191	0.4169	0.4030
4	7	B	0.2320	128.9	0.2636	0.2622	0.2540
2	7	B	0.2920	204.9	0.1660	0.1650	0.1594
1/0	19	B	0.3730	325.8	0.1042	0.1037	0.1003
2/0	19	B	0.4190	410.9	0.0826	0.0822	0.0795
4/0	19	B	0.5280	653.3	0.0519	0.0517	0.0500

### Solid Copper

Conductor Size	Nominal Diameter Inches	Nominal Weight Lbs/Mft	Hard Drawn DC Resistance Ohms/Mft @ 20°C	Medium Drawn DC Resistance Ohms/Mft @ 20°C	Soft Drawn DC Resistance Ohms/Mft @ 20°C
18	0.0403	4.92	6.6400	6.6100	6.3860
16	0.0508	7.82	4.1800	4.1600	4.0160
14	0.0641	12.43	2.6300	2.6100	2.5260
12	0.0808	19.77	1.6500	1.6400	1.5880
10	0.1019	31.43	1.0390	1.0330	0.9988
8	0.1285	49.98	0.6532	0.6498	0.6281
6	0.1620	79.44	0.4110	0.4088	0.3952
4	0.2043	126.30	0.2584	0.2571	0.2485

The data herein is approximate and subject to normal manufacturing tolerances. These specifications are subject to change without notice.

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