

International Wire Cable Services



Bare Copper Wire

Application:

Bare Copper Wire is an uninsulated and unshielded conductor. Bare Copper is the most common type of copper wire generally used for grounding in commercial, industrial and residential applications, it is also known as the grounding wire. Bare Copper Wire can be found in everything from overhead electrical systems to components in large cables, comprised of multiple conductors.

Product Details:

- 6-28 AWG available online
- Solid soft drawn and annealed Bare Copper Wire
- ASTM B-3 compliant

Packaging:

- 100', 250', 500', 1000' spools available online
- 1 lbs, 5 lbs, 10 lbs, 50 lbs spools available online
- Cut to length - sold by the foot wire available online
- Special package available upon request

Special Services:

- Cutting wire to length
- Re-spooling
- Bobbin winding
- Custom labeling
- Wire twisting
- Cable and harness over braiding and shielding
- Engineering and technical support
- Stocking program
- Certificate of compliance



Visit our online store at
www.internationalwiregroup.com
or contact us at
iwcs@internationalwire.com



Sales Office:
43A Route 12 South
Sherburne, NY 13460
United States
1-607-674-2030

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Solid Bare Copper Wire

Part Number	Product Description	AWG	Coating	Nominal Diameter Inches	Area, circular mils	Approximate Weight, Lbs/1000 Ft	Break Strength, lbs.	Elongation in 10", % minimum	Nominal Resistance Ohms per 1,000 Ft @ 20° C
SBC-2	2 awg, Solid Bare Copper Wire	2	Bare	0.2576	66,360	200.86	1928.0	30	0.16
SBC-4	4 awg, Solid Bare Copper Wire	4	Bare	0.2043	41,740	126.34	1213.0	30	0.25
SBC-6	6 awg, Solid Bare Copper Wire	6	Bare	0.1620	26,240	79.44	762.6	30	0.40
SBC-8	8 awg, Solid Bare Copper Wire	8	Bare	0.1285	16,510	49.98	479.8	30	0.63
SBC-10	10 awg, Solid Bare Copper Wire	10	Bare	0.1019	10,380	31.43	314.0	25	1.00
SBC-12	12 awg, Solid Bare Copper Wire	12	Bare	0.0808	6,530	19.77	180.0	25	1.59
SBC-14	14 awg, Solid Bare Copper Wire	14	Bare	0.0641	4,110	12.43	113.0	25	2.53
SBC-16	16 awg, Solid Bare Copper Wire	16	Bare	0.0508	2,580	7.82	71.0	25	4.02
SBC-18	18 awg, Solid Bare Copper Wire	18	Bare	0.0403	1,620	4.92	45.0	25	6.39

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SBC-20	20 awg, Solid Bare Copper Wire	20	Bare	0.0320	1,020	3.09	28.0	25	10.15
SBC-22	22 awg, Solid Bare Copper Wire	22	Bare	0.0254	640	1.95	18.0	25	16.14
SBC-24	24 awg, Solid Bare Copper Wire	24	Bare	0.0201	404	1.22	11.0	20	25.67
SBC-26	26 awg, Solid Bare Copper Wire	26	Bare	0.0159	253	0.77	7.0	20	40.81
SBC-28	28 awg, Solid Bare Copper Wire	28	Bare	0.0126	159	0.48	4.4	20	64.90
SBC-30	30 awg, Solid Bare Copper Wire	30	Bare	0.0100	100	0.30	2.9	15	103.20
SBC-32	32 awg, Solid Bare Copper Wire	32	Bare	0.0080	64	0.19	1.7	15	164.10
SBC-34	34 awg, Solid Bare Copper Wire	34	Bare	0.0063	40	0.12	1.1	15	260.90
SBC-36	36 awg, Solid Bare Copper Wire	36	Bare	0.0050	25	0.08	0.69	15	414.80

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