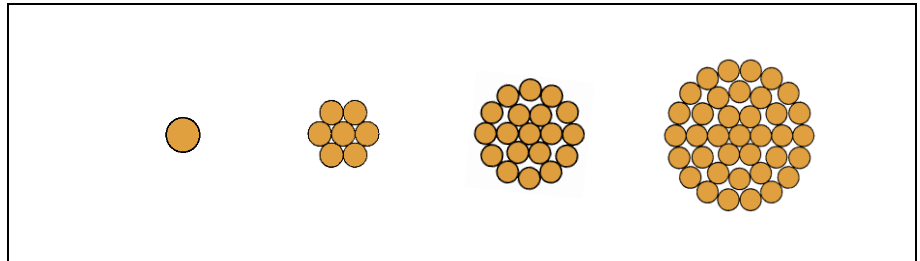


Bare Soft Copper Grounding Conductor

Product Construction:

Complete Conductor:

Bare soft copper grounding conductors are solid or concentric-lay-stranded, consisting of one or more layers of wire wrapped helically around a straight round central wire. Each successive layer has six wires more than the layer immediately beneath. Greater flexibility is afforded by using Class B stranding. The direction of lay for the outer layer is left hand lay. In multilayer constructions, the direction of lay for each successive layer is reversed. Copper ground wires are manufactured using annealed soft copper wire and are manufactured in accordance with the requirements of the latest applicable issues of the ASTM specifications B3 and B8.



Features and Benefits:

Solid or stranded bare soft copper grounding conductors are suitable for direct burial and are inherently corrosion resistant and are easy to terminate and join at splices and joints.

Applications:

Solid and stranded bare soft copper grounding conductors are suitable for use as neutrals, as circuit grounding conductors as well as machinery and equipment grounding systems. Soft copper may be used for transformer drop leads or other non-tension hook-up jumpers.

For more information, or information on other conductor sizes, designs or specific installation requirements not shown in the tables, contact your General Cable sales representative or e-mail us at info@generalcable.com.

CONCENTRIC-LAY-STRANDED BARE SOFT COPPER GROUNDING CONDUCTORS

SIZE (AWG OR kcmil)	NOMINAL CROSS-SECTIONAL AREA (CMIL)	NO. OF WIRES	OVERALL DIAMETER (INCHES)	RESISTANCE DC @ 20°C (OHM/1000 FT)	APPROXIMATE WEIGHT (LB/1000 FT)	STANDARD PACKAGES		
						WOOD REEL DESIGNATION	WEIGHT (POUNDS)	LENGTH (FT)
8	16,510	1	0.128	0.628	50.0	NH 30.18.10	650	11,500
6	26,240	1	0.162	0.395	79.4	NH 30.18.10	1,200	14,400
1/0	105,600	7	0.368	0.1002	326.1	NH 50.32.21	4,300	12,600
1/0	105,600	19	0.373	0.1003	326.1	NH 50.32.21	4,000	11,400
2/0	133,100	7	0.414	0.0795	410.9	NH 50.32.21	4,300	10,000
2/0	133,100	19	0.418	0.0795	410.9	NH 50.32.21	3,800	8,800
3/0	167,800	7	0.464	0.0630	518.1	NH 50.32.21	4,300	7,900
3/0	167,800	19	0.470	0.0630	518.1	NH 50.32.21	3,900	7,100
4/0	211,600	7	0.522	0.0499	653.3	NH 50.32.21	4,500	6,200
4/0	211,600	19	0.528	0.0500	653.3	NH 50.32.21	3,900	5,600
250	250,000	19	0.574	0.0423	771.9	NH 50.32.21	3,900	4,800
250	250,000	37	0.575	0.0423	771.9	NH 50.32.21	4,500	5,500
500	500,000	37	0.814	0.0212	1544	NH 50.32.21	4,500	2,800

Dimensions and weights not designated minimum or maximum are nominal values and subject to manufacturing tolerances. In this context, weight means mass.