

SOLID BARE COPPER CONDUCTOR

CONSTRUCTION:

CONDUCTOR SOLID UNCOATED COPPER IN SOFT, MEDIUM, OR HARD TEMPER

Charlotte Wire *Part#	Size AWG	Number of Strands	Cross Sectional Area (circular mils)	Cross Sectional Area (square mm)	Overall Diameter (in.)	Approx. Net Wt. (Lbs/Mft)
CW01007	24	Solid	404	0.21	.020"	1.2
CW01008	22	Solid	643	0.33	.025"	2.0
CW01009	20	Solid	1021	0.52	.032"	3.1
CW01010	18	Solid	1624	0.82	.040"	4.9
CW01011	16	Solid	2583	1.31	.051"	7.8
CW01012	14	Solid	4106	2.08	.064"	12
CW01013	12	Solid	6529	3.31	.081"	20
CW01014	10	Solid	10382	5.26	.102"	31
CW01015	9	Solid	13092	6.63	.114"	40
CW01016	8	Solid	16510	8.37	.129"	50
CW01017	6	Solid	26250	13.30	.162"	80
CW01018	4	Solid	41740	21.15	.204"	126
CW01019	3	Solid	52640	26.67	.229"	160
CW01020	2	Solid	66370	33.63	.258"	201
CW01021	1	Solid	83690	42.41	.289"	253
CW01022	1/0	Solid	105600	53.50	.325"	320
CW01023	2/0	Solid	133100	67.44	.365"	403
CW01024	3/0	Solid	167800	85.03	.410"	508
CW01025	4/0	Solid	211600	107.22	.460"	641

***Part Number Designation:**

- 1) Part number shown designates soft or annealed temper.
- 2) To order medium hard temper (#18AWG and larger) add suffix "M" to part number.
- 3) To order hard temper (#18AWG and larger), add suffix "H" to part number.
(Example: #2 Solid Medium Hard Drawn - Part Number is CW01020M.)

APPLICATION:

For use as grounding conductors, and on insulators for overhead distribution circuits.

STANDARDS:

ASTM B-1: Hard Drawn Copper Wire.

ASTM B-2: Medium Hard Drawn Copper Wire.

ASTM B-3: Soft or Annealed Copper Wire.

Federal Standard QQ-W-343: Uninsulated Electrical Copper Wire.