

STRANDED BARE COPPER CONDUCTOR

CONSTRUCTION:

CONDUCTOR CLASS B STRANDED BARE COPPER IN SOFT (ANNEALED), MEDIUM, OR HARD TEMPER.

Charlotte Wire *Part#	Size AWG	Number of Strands	Diameter of Strands (in.)	Cross Sect.Area (circ.mils)	Cross Sect.Area (sq. mm.)	Overall Diameter (in.)	Approx. Net Wt. (Lbs/Mft)
CW01061	30	7	.004"	112	.06	.009"	0.4
CW01062	28	7	.005"	175	.09	.015"	0.5
CW01063	26	7	.006"	278	.14	.019"	0.9
CW01064	24	7	.008"	448	.23	.024"	1.4
CW01065	22	7	.010"	700	.36	.030"	2.2
CW01066	20	7	.012"	1020	.52	.036"	3.2
CW01067	18	7	.015"	1620	.82	.046"	5
CW01068	16	7	.019"	2580	1.31	.058"	8
CW01069	14	7	.024"	4110	2.08	.073"	13
CW01070	12	7	.031"	6530	3.31	.092"	20
CW01071	10	7	.039"	10380	5.26	.116"	32
CW01072	8	7	.049"	16510	8.37	.146"	51
CW01073	7	7	.055"	20820	10.55	.164"	64
CW01074	6	7	.061"	26240	13.30	.184"	81
CW01075	5	7	.069"	33090	16.77	.206"	102
CW01076	4	7	.077"	41740	21.15	.232"	129
CW01077	3	7	.086"	52620	26.66	.260"	163
CW01078	2	7	.097"	66360	33.63	.292"	205
CW01079	1	19	.066"	83690	42.41	.332"	259
CW01080	1/0	19	.075"	105600	53.51	.373"	326
CW01081	2/0	19	.084"	133100	67.44	.419"	411
CW01082	3/0	19	.094"	167800	85.03	.470"	519
CW01083	4/0	19	.106"	211600	107.22	.528"	654
CW01084	250MCM	37	.082"	250000	126.68	.576"	773
CW01085	300MCM	37	.090"	300000	152.01	.630"	927
CW01086	350MCM	37	.097"	350000	177.34	.681"	1082
CW01087	400MCM	37	.104"	400000	202.69	.728"	1235
CW01088	500MCM	37	.116"	500000	253.36	.813"	1545
CW01089	600MCM	61	.099"	600000	304.03	.893"	1853
CW01090	750MCM	61	.111"	750000	380.04	.998"	2318
CW01091	1000MCM	61	.128"	1000000	506.71	1.152"	3090

*Part Number Designation:

- 1) Part number shown designates soft or annealed temper.
- 2) To specify medium hard temper (#18AWG and larger), add suffix "M" to part number.
- 3) To specify hard temper (#18AWG and larger), add suffix "H" to part number.

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.
- ASTM B-8:** Concentric Lay Stranded Copper Conductors.
- Federal Standard QQ-W-343:** Uninsulated Copper Wire.