

## STRANDED TINNED COPPER CONDUCTOR

### CONSTRUCTION:

**CONDUCTOR** CLASS B STRANDED SOFT OR ANNEALED COPPER WITH TIN COATING.

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)
CW01231	30	7	.004"	112	0.06	.009"	0.4
CW01232	28	7	.005"	175	0.09	.015"	0.5
CW01233	26	7	.006"	278	0.14	.019"	0.9
CW01234	24	7	.008"	448	0.23	.024"	1.4
CW01235	22	7	.010"	700	0.36	.030"	2.2
CW01236	20	7	.012"	1020	0.52	.036"	3.2
CW01237	18	7	.015"	1620	0.82	.046"	5
CW01238	16	7	.019"	2580	1.31	.058"	8
CW01239	14	7	.024"	4110	2.08	.073"	13
CW01240	12	7	.031"	6530	3.31	.092"	20
CW01241	10	7	.039"	10380	5.26	.116"	32
CW01242	8	7	.049"	16510	8.37	.146"	51
CW01243	7	7	.055"	20820	10.55	.164"	64
CW01244	6	7	.061"	26240	13.3	.184"	81
CW01245	5	7	.069"	33090	16.77	.206"	102
CW01246	4	7	.077"	41740	21.15	.232"	129
CW01247	3	7	.086"	52620	26.66	.260"	163
CW01248	2	7	.097"	66360	33.63	.292"	205
CW01249	1	19	.066"	83690	42.41	.332"	259
CW01250	1/0	19	.075"	105600	53.51	.373"	326
CW01251	2/0	19	.084"	133100	67.44	.419"	411
CW01252	3/0	19	.094"	167800	85.03	.470"	519
CW01253	4/0	19	.106"	211600	107.22	.528"	654
CW01254	250MCM	37	.082"	250000	126.68	.576"	773
CW01255	300MCM	37	.090"	300000	152.01	.630"	927
CW01256	350MCM	37	.097"	350000	177.34	.681"	1082
CW01257	400MCM	37	.104"	400000	202.69	.728"	1235
CW01258	500MCM	37	.116"	500000	253.36	.813"	1545
CW01259	600MCM	37	.127"	600000	304.03	.891"	1853
CW01260	750MCM	61	.111"	750000	380.04	.998"	2318
CW01261	1000MCM	61	.128"	1000000	506.71	1.152"	3090

### APPLICATION:

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

### STANDARDS:

**ASTM B-3:** Soft or Annealed Copper Wire.

**ASTM B-8:** Concentric Lay Stranded Copper Conductors.

**ASTM B-33:** Tinned Soft or Annealed Copper Wire.

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