



Charlotte™
Wire & Cable Company Inc.

“Taking Care of Business”

toll free: 800-929-9473

STRANDED BARE COPPER CONDUCTOR TYPES (SIZES 646MCM - 3000MCM)

AWG SIZE	Number of Strands	Stranding Class	Individual Strand Diameter	Overall Stranded Wire Diameter		Cross Sectional Area		Approximate Net Weight
			(in.)	(in.)	(mm)	(circular mils)	(mm ²)	
646.4MCM	1600 x 24awg	I	.0201"	1.030"	26.17	646400	327.538	2020
650MCM	61 x .1032"	B	.1032"	.929"	23.60	650000	329.362	2010
700MCM	61 x .1071"	B	.1071"	.964"	24.49	700000	354.698	2165
750MCM	61 x .1109"	A,B	.1109"	.998"	25.35	750000	380.034	2318
750MCM	91 x .0908"	C	.0908"	.999"	25.38	750000	380.034	2318
750MCM	127 x .0768"	D	.0768"	.999"	25.38	750000	380.034	2318
750MCM	427 x .0419"	G	.0419"	1.131"	28.73	750000	380.034	2385
750MCM	703 x .0327"	H	.0327"	1.145"	29.09	750000	380.034	2410
750MCM	1850 x 24awg	I	.0201"	1.297"	32.95	752267	381.182	2437
750MCM	7440 x 30awg	K	.0103"	1.295"	32.90	749276	379.667	2427
750MCM	18780 x 34awg	M	.0063"	1.270"	32.26	750000	380.034	2410
777.7MCM	1925 x 24awg	I	.0201"	1.110"	28.20	777700	394.069	2440
800MCM	61 x .1145"	A,B	.1145"	1.031"	26.19	800000	405.369	2470
900MCM	61 x .1215"	A,B	.1215"	1.094"	27.79	900000	456.040	2779
929.2MCM	2300 x 24awg	I	.0201"	1.250"	31.75	929200	470.836	2910
1000MCM	61 x .1280"	A,B	.1280"	1.152"	29.26	1000000	506.711	3090
1000MCM	91 x .1048"	C	.1048"	1.153"	29.29	1000000	506.711	3090
1000MCM	127 x .0887"	D	.0887"	1.153"	29.29	1000000	506.711	3090
1000MCM	427 x .0485"	G	.0485"	1.310"	33.28	1000000	506.711	3160
1000MCM	703 x .0377"	H	.0377"	1.320"	33.53	1000000	506.711	3205
1000MCM	2525 x 24awg	I	.0201"	1.430"	36.33	1000000	506.711	3300
1000MCM	9975 x 30awg	K	.0103"	1.498"	38.05	1003494	508.482	3250
1000MCM	25382 x 34awg	M	.0063"	1.480"	37.60	1000000	506.711	3240
1100MCM	91 x .1099"	B	.1099"	1.209"	30.71	1100000	557.383	3396
1111MCM	2750 x 24awg	I	.0201"	1.350"	34.29	1111000	562.96	3410
1200MCM	91 x .1148"	B	.1148"	1.263"	32.01	1200000	608.054	3705
1250MCM	91 x .1172"	B	.1172"	1.289"	32.77	1250000	633.389	3859
1250MCM	3059 x .0201"	I	.0201"	1.556"	39.53	1250000	633.389	3990
1500MCM	91 x .1284"	B	.1284"	1.412"	35.82	1500000	760.067	4631
1500MCM	3721 x 24awg	I	.0201"	1.580"	40.14	1500000	760.067	4650
1500MCM	15029 x 30awg	K	.0103"	1.839"	46.71	1511931	766.113	4650
1600MCM	127 x .1122"	B	.1122"	1.459"	37.09	1600000	810.738	4940
1750MCM	127 x .1174"	B	.1174"	1.526"	38.87	1750000	886.745	5403
2000MCM	127 x .1255"	B	.1255"	1.630"	41.41	2000000	1013.422	6175
2000MCM	4921 x 24awg	I	.0201"	1.871"	47.53	2000000	1013.422	6450
2000MCM	19950 x 30awg	K	.0103"	2.119"	53.85	2006988	1016.964	6500
2500MCM	127 x .1401"	B	.1401"	1.84"	46.74	2500000	1266.778	7785
3000MCM	169 x .1334"	B	.1334"	2.01"	51.06	3000000	1520.134	9380