



**Charlotte™**  
Wire & Cable Company Inc.

*“Taking Care of Business”*

toll free: 800-929-9473

## STRANDED BARE COPPER CONDUCTOR TYPES (SIZES 3/0AWG - 313MCM)

AWG SIZE	Number of Strands	Stranding Class	Individual Strand Diameter	Overall Stranded Wire Diameter		Cross Sectional Area		Approximate Net Weight (lbs/1000ft)
			(in.)	(in.)	(mm)	(circular mils)	(mm <sup>2</sup> )	
3/0	7 x .1548"	A	.1548"	.470"	11.94	167800	85.027	519
3/0	19 x .0940"	B	.0940"	.470"	11.94	167800	85.027	519
3/0	37 x .0673"	C	.0673"	.470"	11.94	167800	85.027	519
3/0	61 x .0524"	D	.0524"	.458"	11.64	167800	85.027	519
3/0	133 x .0355"	G	.0355"	.533"	13.54	167800	85.027	529
3/0	259 x .0255"	H	.0255"	.536"	13.62	167800	85.027	533
3/0	450 x 24awg	I	.0201"	.549"	13.95	181800	92.121	590
3/0	1672 x 30awg	K	.0103"	.541"	13.75	168205	85.232	535
3/0	4256 x 34awg	M	.0063"	.615"	15.63	169450	85.862	549
4/0	7 x .1739"	A	.1739"	.528"	13.42	211600	107.221	654
4/0	19 x .1055"	B	.1055"	.528"	13.42	211600	107.221	654
4/0	37 x .0756"	C	.0756"	.528"	13.42	211600	107.221	654
4/0	61 x .0589"	D	.0589"	.528"	13.42	211600	107.221	654
4/0	133 x .0399"	G	.0399"	.599"	15.22	211600	107.221	668
4/0	259 x .0286"	H	.0286"	.601"	15.27	211600	107.221	670
4/0	550 x 24awg	I	.0201"	.590"	14.99	222200	112.592	690
4/0	2109 x 30awg	K	.0103"	.681"	17.30	211960	107.403	680
4/0	5320 x 34awg	M	.0063"	.688"	17.48	211820	107.332	685
250MCM	19 x .1147"	A	.1147"	.575"	14.61	250000	126.678	773
250MCM	37 x .0822"	B	.0822"	.575"	14.61	250000	126.678	773
250MCM	61 x .0640"	C	.0640"	.575"	14.61	250000	126.678	773
250MCM	91 x .0524"	D	.0524"	.575"	14.61	250000	126.678	773
250MCM	259 x .0311"	G	.0311"	.653"	16.59	250000	126.678	795
250MCM	427 x .0242"	H	.0242"	.653"	16.59	250000	126.678	795
250MCM	627 x 24awg	I	.0201"	.620"	15.75	250000	126.678	815
250MCM	2500 x 30awg	K	.0103"	.752"	19.10	250000	126.678	790
250MCM	6384 x 34awg	M	.0063"	.648"	16.46	250000	126.678	795
262.6MCM	650 x 24awg	I	.0201"	.640"	16.26	262600	133.063	820
300MCM	19 x .1257"	A	.1257"	.630"	16.01	300000	152.013	927
300MCM	37 x .0900"	B	.0900"	.630"	16.01	300000	152.013	927
300MCM	61 x .0701"	C	.0701"	.630"	16.01	300000	152.013	927
300MCM	91 x .0574"	D	.0574"	.630"	16.01	300000	152.013	927
300MCM	259 x .0340"	G	.0340"	.714"	18.14	300000	152.013	945
300MCM	427 x .0265"	H	.0265"	.716"	18.19	300000	152.013	953
300MCM	2989 x 30awg	K	.0103"	.811"	20.60	300000	152.013	965
300MCM	7581 x 34awg	M	.0063"	.817"	20.76	300000	152.013	968
313.1MCM	775 x 24awg	I	.0201"	.700"	17.78	313100	158.652	980