

70kV Double Circuit Output from Magnetic Field Software Calculation

Sum of vector components from each phase. Resultant B Max (mG).

	Distance	B Horz	B Vert	B Product	Base B Max	Phasing B Max	Phasing Pct	Add 10 feet B Max	10ft% Pct
	(feet)	(mG)	(mG)	(mG)	(mG)	(mG)	Reduced	(mG)	Reduced
	Distance	-----	-----	-----	Base	Phasing	Phasing	Add 10 feet	10ft%
	-200	4.561	1.655	4.852	4.851	0.381	92.15%	0.37	2.89%
Row	-130	9.555	5.591	11.071	11.063	1.306	88.19%	1.224	6.28%
omitted	-125	10.158	6.224	11.913	11.904	1.456	87.77%	1.359	6.66%
from	-120	10.81	6.952	12.853	12.842	1.631	87.30%	1.514	7.17%
table	-115	11.513	7.795	13.904	13.892	1.834	86.80%	1.692	7.74%
-195 to	-110	12.271	8.775	15.086	15.072	2.07	86.27%	1.898	8.31%
-135	-105	13.084	9.918	16.418	16.402	2.349	85.68%	2.137	9.03%
	-100	13.952	11.259	17.928	17.909	2.677	85.05%	2.416	9.75%
	-95	14.871	12.838	19.646	19.623	3.068	84.37%	2.742	10.63%
	-90	15.832	14.708	21.61	21.582	3.535	83.62%	3.126	11.57%
	-85	16.817	16.933	23.865	23.832	4.097	82.81%	3.58	12.62%
	-80	17.798	19.59	26.468	26.428	4.779	81.92%	4.119	13.81%
	-75	18.724	22.778	29.486	29.438	5.612	80.94%	4.761	15.16%
	-70	19.519	26.613	33.003	32.945	6.637	79.85%	5.529	16.69%
	-65	20.059	31.234	37.121	37.049	7.908	78.66%	6.45	18.44%
	-60	20.156	36.801	41.959	41.872	9.495	77.32%	7.557	20.41%
	-55	19.525	43.479	47.661	47.556	11.491	75.84%	8.89	22.64%
	-50	17.753	51.41	54.389	54.262	14.015	74.17%	10.49	25.15%
	-45	14.282	60.655	62.313	62.163	17.22	72.30%	12.402	27.98%
	-40	8.688	71.057	71.586	71.413	21.29	70.19%	14.668	31.10%
	-35	6.465	82.032	82.286	82.096	26.435	67.80%	17.309	34.52%
ROW Edge	-30	19.722	92.233	94.318	94.124	32.847	65.10%	20.312	38.16%
	-25	40.771	99.202	107.254	107.076	40.608	62.08%	23.599	41.89%
	-20	67.57	99.372	120.169	120.03	49.515	58.75%	27.002	45.47%
	-15	96.889	89.123	131.645	131.56	58.861	55.26%	30.245	48.62%
	-10	123.116	67.094	140.211	140.174	67.336	51.96%	32.965	51.04%
	-5	140.654	35.795	145.137	145.129	73.313	49.48%	34.791	52.54%
Center	0	146.672	0	146.672	146.672	75.471	48.54%	35.435	53.05%
	5	140.654	35.795	145.137	145.129	73.313	49.48%	34.791	52.54%
	10	123.116	67.094	140.211	140.174	67.336	51.96%	32.966	51.04%
	15	96.889	89.123	131.645	131.56	58.861	55.26%	30.245	48.62%
	20	67.57	99.372	120.169	120.03	49.515	58.75%	27.002	45.47%
	25	40.771	99.202	107.254	107.076	40.608	62.08%	23.599	41.89%
ROW Edge	30	19.722	92.233	94.318	94.124	32.847	65.10%	20.312	38.16%
	35	6.465	82.032	82.286	82.096	26.436	67.80%	17.309	34.52%
	40	8.688	71.057	71.586	71.413	21.29	70.19%	14.668	31.10%
	45	14.282	60.655	62.313	62.163	17.22	72.30%	12.403	27.97%
	50	17.753	51.41	54.389	54.262	14.015	74.17%	10.49	25.15%
	55	19.525	43.479	47.661	47.556	11.491	75.84%	8.89	22.64%
	60	20.156	36.801	41.959	41.872	9.495	77.32%	7.557	20.41%
	65	20.059	31.234	37.121	37.049	7.908	78.66%	6.45	18.44%
	70	19.519	26.613	33.003	32.945	6.637	79.85%	5.529	16.69%
	75	18.724	22.778	29.486	29.438	5.612	80.94%	4.761	15.16%
	80	17.798	19.59	26.468	26.428	4.779	81.92%	4.119	13.81%
	85	16.817	16.933	23.865	23.832	4.097	82.81%	3.58	12.62%
	90	15.832	14.708	21.61	21.582	3.535	83.62%	3.126	11.57%
	95	14.871	12.838	19.646	19.623	3.068	84.37%	2.742	10.63%
	100	13.952	11.259	17.928	17.909	2.677	85.05%	2.416	9.75%
Row	105	13.084	9.918	16.418	16.402	2.349	85.68%	2.137	9.03%
omitted	110	12.271	8.775	15.086	15.072	2.07	86.27%	1.898	8.31%
from	115	11.513	7.795	13.904	13.892	1.834	86.80%	1.692	7.74%
table	120	10.81	6.952	12.853	12.842	1.631	87.30%	1.514	7.17%
195 to	125	10.158	6.224	11.913	11.904	1.457	87.76%	1.359	6.73%
135	130	9.555	5.591	11.071	11.063	1.306	88.19%	1.224	6.28%
	200	4.561	1.655	4.852	4.851	0.381	92.15%	0.37	2.89%