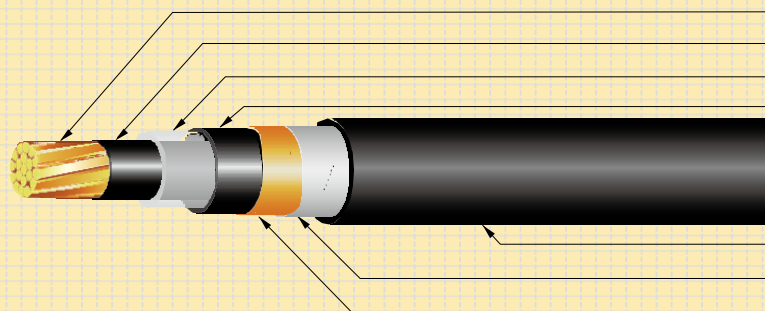
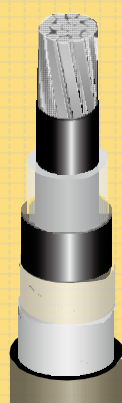


2KV XLPE-PVC Power Cable

	Conductor Size	Min. Average Thickness of Insulation	Min. Average Thickness of Sheath	Approx. Overall Diameter	A.C. Voltage Test	Max. Conductor D.C. Resistance (20°C)	Min. Insulation Resistance (20°C)	Approx. Cable Weight	Standard Length
	mm ²	mm	mm	mm	KV/5min.	Ω/km	MΩ-km	kg/km	m
1C	2.0	1.14	0.38	5.2	5.5	9.24	3500	56	300
	3.5	1.14	0.38	5.8	5.5	5.20	3000	74	300
	5.5	1.14	0.38	6.4	5.5	3.33	2500	98	300
	8	1.40	0.38	7.2	7.0	2.31	2500	133	300
	14	1.40	0.76	9.0	7.0	1.30	2000	200	300
	22	1.40	0.76	10.5	7.0	0.824	2000	284	300
	30	1.40	0.76	11.0	7.0	0.623	1500	350	300
	38	1.65	0.76	12.5	8.0	0.487	1500	451	300
	50	1.65	1.14	14.5	8.0	0.378	1500	570	300
	60	1.65	1.14	15.5	8.0	0.303	1500	690	300
	80	1.65	1.14	17.0	8.0	0.229	1000	880	300
	100	1.65	1.14	18.0	8.0	0.180	1000	1098	300
	125	1.90	1.65	21.0	9.5	0.144	1000	1400	300
	150	1.90	1.65	23.0	9.5	0.118	1000	1692	300
	200	1.90	1.65	25.0	9.5	0.0922	800	2111	300
	250	1.90	1.65	27.0	9.5	0.0722	800	2669	200
	325	2.29	1.65	30.0	11.5	0.0565	800	3391	200
	400	2.29	1.65	33.0	11.5	0.0454	800	4154	200
	500	2.29	1.65	35.0	11.5	0.0373	600	4996	150
3C	2.0	1.14	1.14	12.0	5.5	9.42	3500	179	300
	3.5	1.14	1.14	13.5	5.5	5.30	3000	241	300
	5.5	1.14	1.52	15.5	5.5	3.40	2500	348	300
	8	1.40	1.52	17.0	7.0	2.36	2500	473	300
	14	1.40	1.52	19.5	7.0	1.33	2000	698	300
	22	1.40	2.03	23.0	7.0	0.840	2000	1040	300
	30	1.40	2.03	25.0	7.0	0.635	1500	1250	300
	38	1.65	2.03	28.0	8.0	0.497	1500	1615	300
	50	1.65	2.03	30.0	8.0	0.386	1500	1900	300
	60	1.65	2.03	32.0	8.0	0.309	1500	2363	300
	80	1.65	2.03	35.0	8.0	0.234	1000	2900	300
	100	1.65	2.03	38.0	8.0	0.184	1000	3703	300
	125	1.90	2.79	44.0	9.5	0.147	1000	4751	200
	150	1.90	2.79	47.0	9.5	0.120	1000	5671	200
	200	1.90	2.79	52.0	9.5	0.0940	800	7039	150
	250	1.90	2.79	56.0	9.5	0.0736	800	8853	150
	325	2.29	2.79	63.0	11.5	0.0576	800	11240	150

5KV XLPE-PVC Power Cable

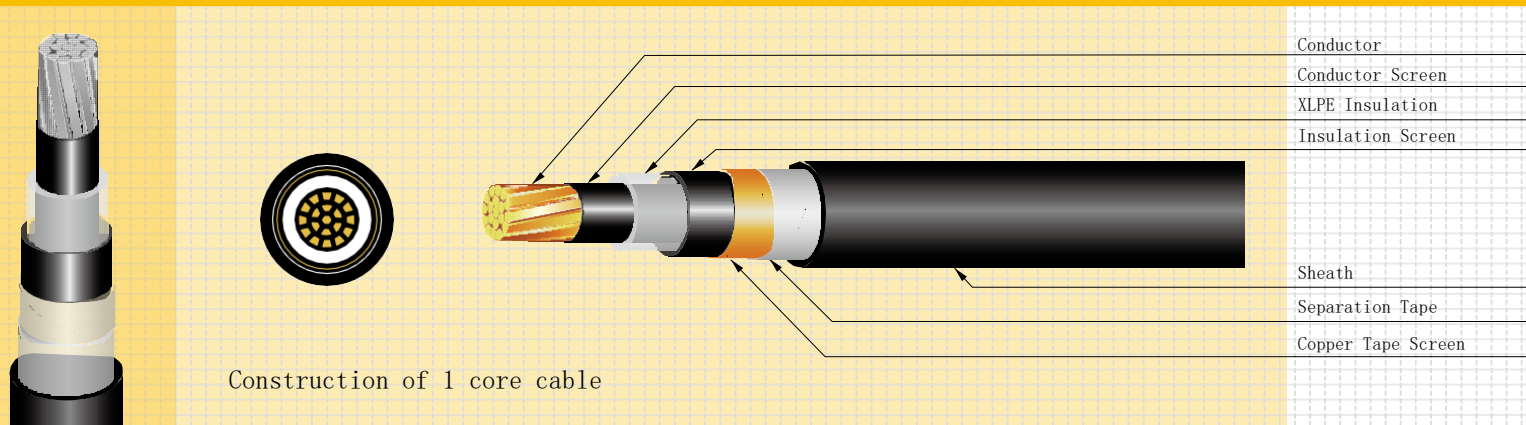


Conductor
Conductor Screen
XLPE Insulation
Insulation Screen
Sheath
Separation Tape
Copper Tape Screen

Construction of 1 core cable

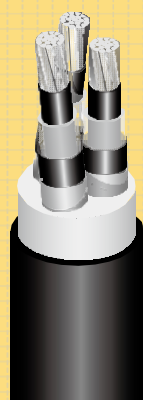
	Conductor Size	Min. Average Thickness of Insulation	Min. Average Thickness of Sheath	Approx. Overall Diameter	A.C. Voltage Test	Max. Conductor D.C. Resistance (20°C)	Min. Insulation Resistance (20°C)	Approx. Cable Weight	Standard Length
	mm ²	mm	mm	mm	KV/5min.	Ω/km	MΩ-km	kg/km	m
1C	8	2.29	1.14	13.0	18	2.31	3,000	244	300
	14	2.29	1.52	15.0	18	1.30	3,000	330	300
	22	2.29	1.52	16.5	18	0.824	2,500	448	300
	30	2.29	1.52	17.5	18	0.623	2,000	510	300
	38	2.29	1.52	18.5	18	0.487	2,000	644	300
	50	2.29	1.52	19.5	18	0.378	2,000	710	300
	60	2.29	1.52	21	18	0.303	2,000	897	300
	80	2.29	1.52	22	18	0.229	2,000	1,030	300
	100	2.29	2.03	25	18	0.180	1,500	1,393	300
	125	2.29	2.03	26	18	0.144	1,500	1,560	300
	150	2.29	2.03	28	18	0.118	1,500	1,950	300
	200	2.29	2.03	30	18	0.0922	1,000	2,386	300
	250	2.29	2.03	33	18	0.0722	1,000	2,987	200
	325	2.29	2.03	35	18	0.0565	1,000	3,698	200
	400	2.29	2.03	39	18	0.0454	800	4,510	200
3C	500	2.29	2.03	41	18	0.0373	800	5,356	150
	600	3.56	2.79	47	18	0.0304	800	6,678	150
	800	3.56	2.79	51	18	0.0234	800	8,468	150
	1000	3.56	2.79	56	18	0.0179	600	10,810	150
	8	2.29	2.03	27	18	2.36	3,000	849	300
	14	2.29	2.03	30	18	1.33	3,000	1,246	300
	22	2.29	2.03	32	18	0.840	2,500	1,431	300
	30	2.29	2.03	34	18	0.635	2,000	1,500	300
	38	2.29	2.03	37	18	0.497	2,000	2,077	300
	50	2.29	2.03	38	18	0.386	2,000	2,150	300
	60	2.29	2.03	42	18	0.309	2,000	2,899	300
	80	2.29	2.03	43	18	0.234	2,000	3,100	300
	100	2.29	2.79	50	18	0.184	1,500	4,514	300
	125	2.29	2.79	51	18	0.147	1,500	4,700	300
	150	2.29	2.79	57	18	0.120	1,500	6,323	200
	200	2.29	2.79	61	18	0.0940	1,000	7,659	150
	250	2.29	2.79	67	18	0.0736	1,000	9,668	150
	325	2.29	3.56	72	18	0.0576	1,000	12,220	150

8KV XLPE-PVC Power Cable (Grounded System)

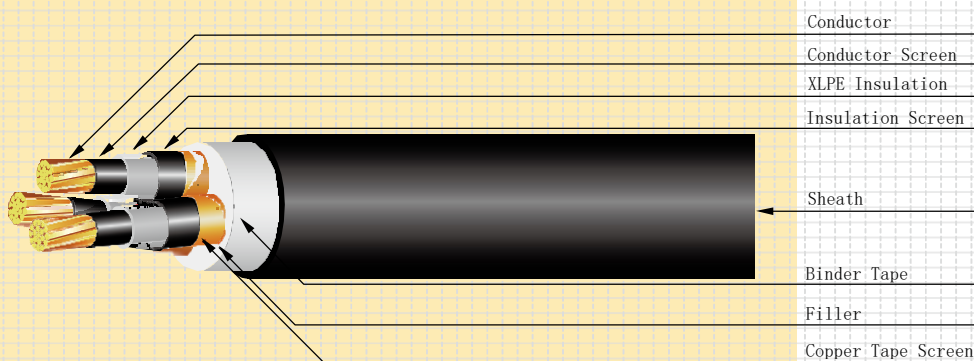


	Conductor Size	Min. Average Thickness of Insulation	Min. Average Thickness of Sheath	Approx. Overall Diameter	A.C. Voltage Test	Max. Conductor D.C. Resistance (20°C)	Min. Insulation Resistance (20°C)	Approx. Cable Weight	Standard Length
	mm ²	mm	mm	mm	KV/5min.	Ω/km	MΩ-km	kg/km	m
1C	14	2.92	1.52	16.5	23	1.30	3,500	391	300
	22	2.92	1.52	18.0	23	0.824	3,000	490	300
	30	2.92	1.52	19.0	23	0.623	2,500	550	300
	38	2.92	1.52	20	23	0.487	2,500	693	300
	50	2.92	2.03	21	23	0.378	2,000	800	300
	60	2.92	2.03	24	23	0.303	2,000	1,003	300
	80	2.92	2.03	25	23	0.229	2,000	1,130	300
	100	2.92	2.03	27	23	0.180	2,000	1,456	300
	125	2.92	2.03	28	23	0.144	2,000	1,620	300
	150	2.92	2.03	30	23	0.118	1,500	2,018	300
	200	2.92	2.03	32	23	0.0922	1,500	2,460	200
	250	2.92	2.03	34	23	0.0722	1,500	3,067	200
	325	2.92	2.03	37	23	0.0565	1,500	3,782	150
	400	2.92	2.03	40	23	0.0454	1,500	4,578	150
	500	2.92	2.03	42	23	0.0373	1,000	5,452	150
3C	600	4.45	2.79	48	23	0.0304	1,000	6,788	150
	800	4.45	2.79	53	23	0.0234	800	8,587	150
	1000	4.45	2.79	58	23	0.0179	600	10,940	150
	14	2.92	2.03	32	23	1.33	3,500	1,263	300
	22	2.92	2.03	35	23	0.840	3,000	1,590	300
	30	2.92	2.03	37	23	0.635	2,500	1,650	300
	38	2.92	2.03	40	23	0.497	2,500	2,256	300
	50	2.92	2.03	41	23	0.386	2,000	2,400	300
	60	2.92	2.79	46	23	0.309	2,000	3,274	300
	80	2.92	2.79	47	23	0.234	2,000	3,400	300
	100	2.92	2.79	53	23	0.184	2,000	4,750	200
	125	2.92	2.79	54	23	0.147	2,000	5,000	150
	150	2.92	2.79	60	23	0.120	1,500	6,586	150
	200	2.92	2.79	64	23	0.0940	1,500	8,011	150
	250	2.92	2.79	70	23	0.0736	1,500	9,970	150
	325	2.92	3.56	77	23	0.0576	1,500	12,560	150

8KV XLPE-PVC Power Cable (Ungrounded System)



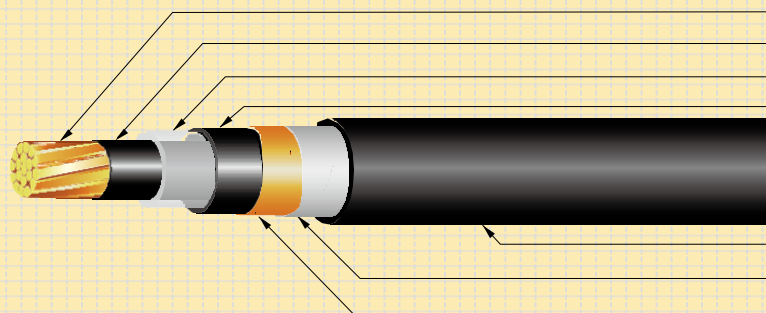
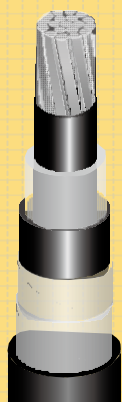
Construction of 3 core cable



Conductor
Conductor Screen
XLPE Insulation
Insulation Screen
Sheath
Binder Tape
Filler
Copper Tape Screen

	Conductor Size	Min. Average Thickness of Insulation	Min. Average Thickness of Sheath	Approx. Overall Diameter	A.C. Voltage Test	Max. Conductor D.C. Resistance (20°C)	Min. Insulation Resistance (20°C)	Approx. Cable Weight	Standard Length
	mm ²	mm	mm	mm	KV/5min.	Ω/km	MΩ-km	kg/km	m
1C	14	3.56	1.52	18.5	28	1.30	3,500	460	300
	22	3.56	1.52	19.5	28	0.824	3,000	560	300
	30	3.56	1.52	21	28	0.623	2,500	640	300
	38	3.56	2.03	23	28	0.487	2,500	790	300
	50	3.56	2.03	24	28	0.378	2,000	910	300
	60	3.56	2.03	25	28	0.303	2,000	1,065	300
	80	3.56	2.03	26	28	0.229	2,000	1,250	300
	100	3.56	2.03	28	28	0.180	2,000	1,525	300
	125	3.56	2.03	29	28	0.144	2,000	1,800	300
	150	3.56	2.03	31	28	0.118	1,500	2,095	300
	200	3.56	2.03	33	28	0.0922	1,500	2,545	200
	250	3.56	2.03	36	28	0.0722	1,000	3,155	200
	325	3.56	2.03	38	28	0.0565	1,000	3,880	150
	400	3.56	2.03	41	28	0.0454	1,000	4,680	150
	500	3.56	2.79	45	28	0.0373	1,000	5,735	150
3C	600	4.45	2.79	49	28	0.0304	1,000	6,915	150
	800	4.45	2.79	54	28	0.0234	800	8,925	150
	1000	4.45	2.79	59	28	0.0179	800	11,090	150
	14	3.56	2.03	36	28	1.33	3,500	1,500	300
	22	3.56	2.03	39	28	0.840	3,000	1,840	300
	30	3.56	2.03	41	28	0.635	2,500	1,900	300
	38	3.56	2.03	43	28	0.497	2,500	2,450	300
	50	3.56	2.79	47	28	0.386	2,000	2,750	300
	60	3.56	2.79	49	28	0.309	2,000	3,505	300
	80	3.56	2.79	52	28	0.234	2,000	3,750	300
	100	3.56	2.79	56	28	0.184	2,000	4,990	200
	125	3.56	2.79	58	28	0.147	2,000	5,300	150
	150	3.56	2.79	62	28	0.120	1,500	6,865	150
	200	3.56	2.79	67	28	0.0940	1,500	8,320	150
	250	3.56	3.56	74	28	0.0736	1,000	10,570	150
	325	3.56	3.56	80	28	0.0576	1,000	12,930	150

15KV XLPE-PVC Power Cable (Grounded System)



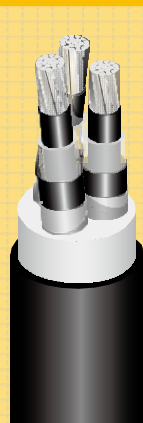
Conductor
Conductor Screen
XLPE Insulation
Insulation Screen

Sheath
Separation Tape
Copper Tape Screen

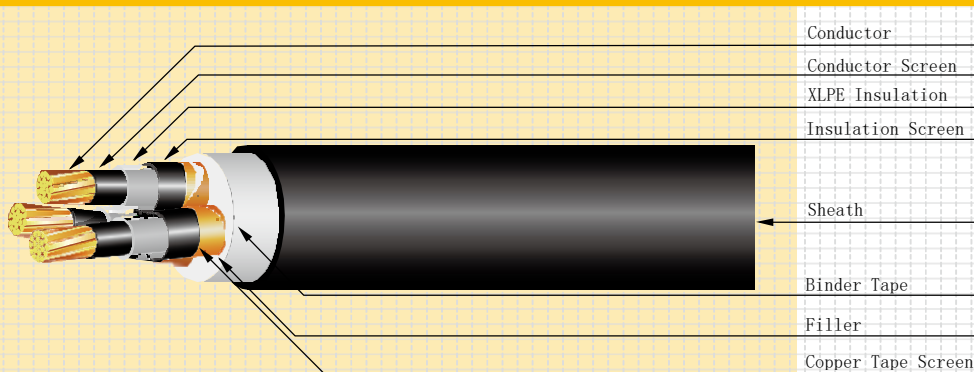
Construction of 1 core cable

	Conductor Size	Min. Average Thickness of Insulation	Min. Average Thickness of Sheath	Approx. Overall Diameter	A.C. Voltage Test	Max. Conductor D.C. Resistance (20°C)	Min. Insulation Resistance (20°C)	Approx. Cable Weight	Standard Length
	mm ²	mm	mm	mm	KV/5min.	Ω/km	MΩ-km	kg/km	m
1C	30	4.45	1.52	23	35	0.623	3,500	760	300
	38	4.45	2.03	24	35	0.487	3,500	856	300
	50	4.45	2.03	25	35	0.378	3,000	1,000	300
	60	4.45	2.03	26	35	0.303	3,000	1,130	300
	80	4.45	2.03	28	35	0.229	2,500	1,340	200
	100	4.45	2.03	29	35	0.180	2,500	1,590	200
	125	4.45	2.03	31	35	0.144	2,500	1,860	200
	150	4.45	2.03	32	35	0.118	2,000	2,167	200
	200	4.45	2.03	35	35	0.0922	2,000	2,628	200
	250	4.45	2.03	37	35	0.0722	1,500	3,246	200
	325	4.45	2.03	40	35	0.0565	1,500	3,976	200
	400	4.45	2.03	42	35	0.0454	1,500	4,785	150
	500	4.45	2.79	47	35	0.0373	1,500	5,850	150
	600	5.59	2.79	51	35	0.0304	1,000	7,021	150
	800	5.59	2.79	55	35	0.0234	1,000	8,841	150
3C	1000	5.59	2.79	60	35	0.0179	1,000	11,220	150
	30	4.45	2.03	47	35	0.635	3,500	2,400	200
	38	4.45	2.03	48	35	0.497	3,500	2,840	200
	50	4.45	2.03	51	35	0.386	3,000	3,000	200
	60	4.45	2.03	52	35	0.309	3,000	3,744	200
	80	4.45	2.79	56	35	0.234	2,500	4,100	150
	100	4.45	2.79	59	35	0.184	2,500	5,084	150
	125	4.45	2.79	63	35	0.147	2,500	5,600	150
	150	4.45	2.79	66	35	0.120	2,000	7,176	150
	200	4.45	2.79	70	35	0.0940	2,000	8,441	150
	250	4.45	3.56	75	35	0.0736	1,500	10,920	150
	325	4.45	3.56	81	35	0.0576	1,500	13,310	150

15KV XLPE-PVC Power Cable (Ungrounded System)



Construction of 3 core cable



	Conductor Size	Min. Average Thickness of Insulation	Min. Average Thickness of Sheath	Approx. Overall Diameter	A.C. Voltage Test	Max. Conductor D.C. Resistance (20°C)	Min. Insulation Resistance (20°C)	Approx. Cable Weight	Standard Length
	mm ²	mm	mm	mm	KV/5min.	Ω/km	MΩ-km	kg/km	m
1C	38	5.59	2.03	27	44	0.487	3,500	964	200
	50	5.59	2.03	28	44	0.378	3,500	1,100	200
	60	5.59	2.03	29	44	0.303	3,000	1,244	200
	80	5.59	2.03	30	44	0.229	3,000	1,450	200
	100	5.59	2.03	32	44	0.180	2,500	1,721	150
	125	5.59	2.03	34	44	0.144	2,500	2,010	150
	150	5.59	2.03	35	44	0.118	2,500	2,310	150
	200	5.59	2.03	37	44	0.0922	2,000	2,767	150
	250	5.59	2.03	39	44	0.0722	2,000	3,392	150
	325	5.59	2.79	44	44	0.0565	2,000	4,130	150
	400	5.59	2.79	47	44	0.0454	1,500	5,124	150
	500	5.59	2.79	50	44	0.0373	1,500	6,031	150
	600	5.59	2.79	53	44	0.0304	1,500	7,266	150
	800	5.59	2.79	57	44	0.0234	1,500	9,013	150
	1000	5.59	2.79	62	44	0.0179	1,000	11,500	150
3C	38	5.59	2.79	54	44	0.497	3,500	3,168	150
	50	5.59	2.79	56	44	0.386	3,500	3,300	150
	60	5.59	2.79	58	44	0.309	3,000	4,098	150
	80	5.59	2.79	61	44	0.234	3,000	4,400	150
	100	5.59	2.79	64	44	0.184	2,500	5,699	150
	125	5.59	2.79	69	44	0.147	2,500	6,100	150
	150	5.59	2.79	72	44	0.120	2,500	7,606	150
	200	5.59	3.56	78	44	0.0940	2,000	9,369	150
	250	5.59	3.56	82	44	0.0736	2,000	11,420	150
	325	5.59	3.56	89	44	0.0576	2,000	13,960	150

25KV XLPE-PVC Power Cable

	Conductor Size	Min. Average Thickness of Insulation	Min. Average Thickness of Sheath	Approx. Overall Diameter	A.C. Voltage Test	Max. Conductor D.C. Resistance (20°C)	Min. Insulation Resistance (20°C)	Approx. Cable Weight	Standard Length
	mm ²	mm	mm	mm	KV/5min.	Ω/km	MΩ-km	Kg/km	m
Grounding System									
1C	30	6.6	2.03	28.0	52	0.623	3600	970	300
	38	6.6	2.03	28.0	52	0.487	3600	1060	300
	50	6.6	2.03	29.0	52	0.378	3000	1200	300
	60	6.6	2.03	30.0	52	0.303	3000	1340	300
	80	6.6	2.03	32.0	52	0.229	3000	1600	200
	100	6.6	2.03	34.0	52	0.180	2800	1850	200
	125	6.6	2.03	35.0	52	0.144	2000	2140	200
	150	6.6	2.03	37.0	52	0.118	2000	2480	200
	200	6.6	2.03	39.0	52	0.0922	2000	2940	200
	250	6.6	2.03	41.0	52	0.0722	1800	3560	200
	325	6.6	2.79	45.0	52	0.0565	1500	4500	200
	400	6.6	2.79	49.0	52	0.0454	1500	5390	150
	500	6.6	2.79	51.0	52	0.0373	1500	6300	150
3C	30	6.6	2.79	56.0	52	0.635	3600	3190	200
	38	6.6	2.79	58.0	52	0.497	3600	3520	200
	50	6.6	2.79	60.0	52	0.386	3000	3900	200
	60	6.6	2.79	62.0	52	0.309	3000	4440	200
	80	6.6	2.79	65.0	52	0.234	3000	5200	150
	100	6.6	2.79	68.0	52	0.184	2800	6100	150
	125	6.6	3.56	74.0	52	0.147	2000	7200	150
	150	6.6	3.56	77.0	52	0.120	2000	8410	150
	200	6.6	3.56	81.0	52	0.0940	2000	9930	150
	250	6.6	3.56	86.0	52	0.0736	1800	11930	150
	325	6.6	3.56	92.0	52	0.0576	1500	14480	150
Ungrounding System									
1C	30	8.76	2.03	32.0	64	0.623	4500	1190	200
	38	8.76	2.03	33.0	64	0.487	4500	1300	200
	50	8.76	2.03	34.0	64	0.378	4000	1500	200
	60	8.76	2.03	35.0	64	0.303	3800	1590	200
	80	8.76	2.03	37.0	64	0.229	3500	1900	150
	100	8.76	2.03	38.0	64	0.180	3500	2100	150
	125	8.76	2.03	40.0	64	0.144	3500	2500	150
	150	8.76	2.03	41.0	64	0.118	3200	2740	150
	200	8.76	2.79	45.0	64	0.0922	2800	3370	150
	250	8.76	2.79	47.0	64	0.0722	2800	4060	150
	325	8.76	2.79	50.0	64	0.0565	2400	4880	150
	400	8.76	2.79	53.0	64	0.0454	2000	5740	150
	500	8.76	2.79	56.0	64	0.0373	2000	6670	150
3C	30	8.76	2.79	65.0	64	0.635	4500	4130	150
	38	8.76	2.79	68.0	64	0.497	4500	4380	150
	50	8.76	3.56	72.0	64	0.386	4000	5000	150
	60	8.76	3.56	74.0	64	0.309	3800	5620	150
	80	8.76	3.56	77.0	64	0.234	3500	6500	150
	100	8.76	3.56	80.0	64	0.184	3500	7280	150
	125	8.76	3.56	84.0	64	0.147	3500	8400	150
	150	8.76	3.56	87.0	64	0.120	3200	9420	150
	200	8.76	3.56	91.0	64	0.0940	2800	10980	150
	250	8.76	3.56	96.0	64	0.0736	2800	13230	150
	325	8.76	3.56	103.0	64	0.0576	2400	15850	150