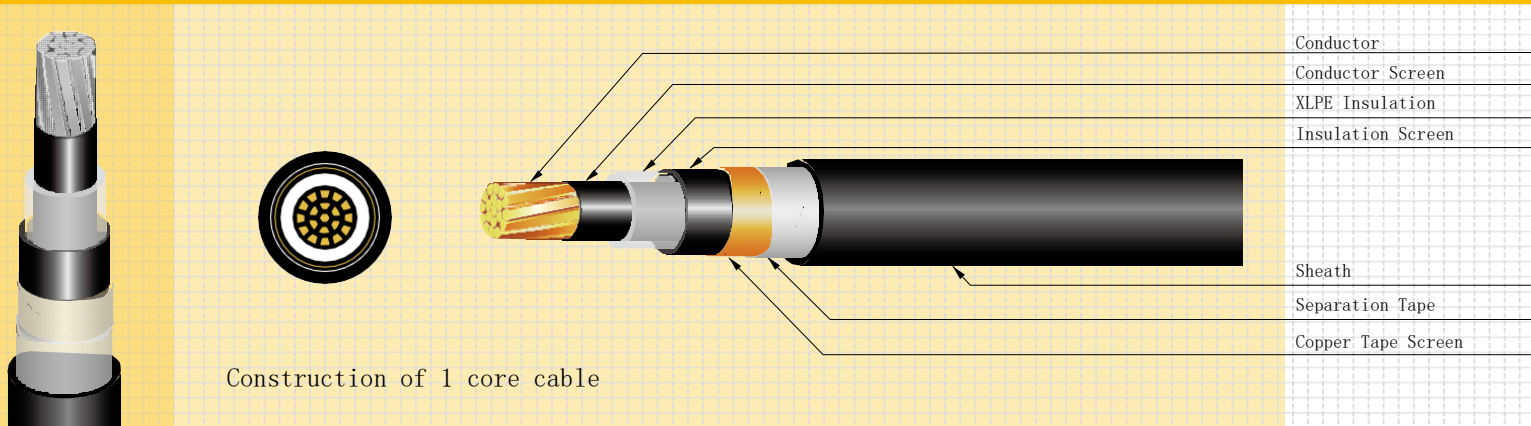


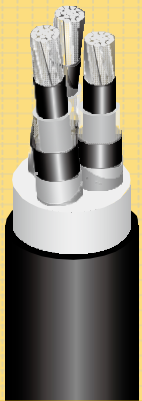
## 8KV XLPE-PVC Power Cable ( Grounded System )



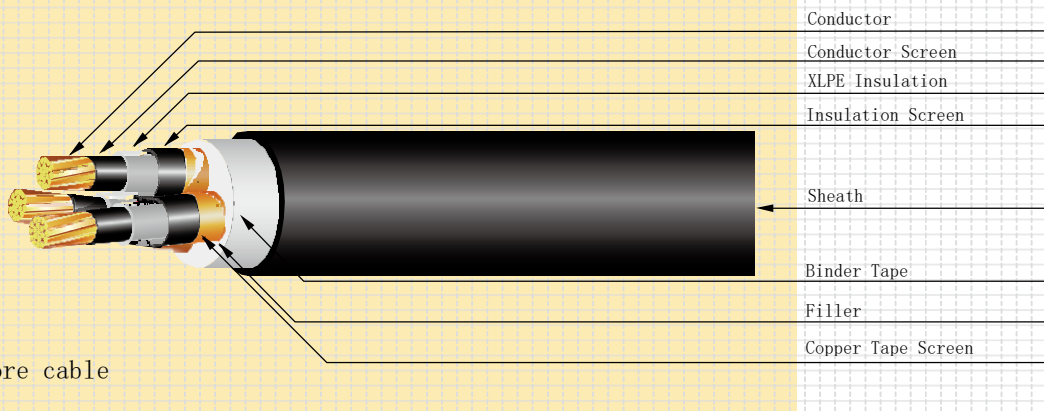
	Conductor Size	Min. Average Thickness of Insulation	Min. Average Thickness of Sheath	Approx. Overall Diameter	A.C. Voltage Test	Max. Conductor D.C. Resistance (20°C)	Min. Insulation Resistance (20°C)	Approx. Cable Weight	Standard Length
	mm <sup>2</sup>	mm	mm	mm	KV/5min.	Ω/km	MΩ-km	kg/km	m
1C	14	2.92	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 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 <sup>2</sup>	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	
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	
3C	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