

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