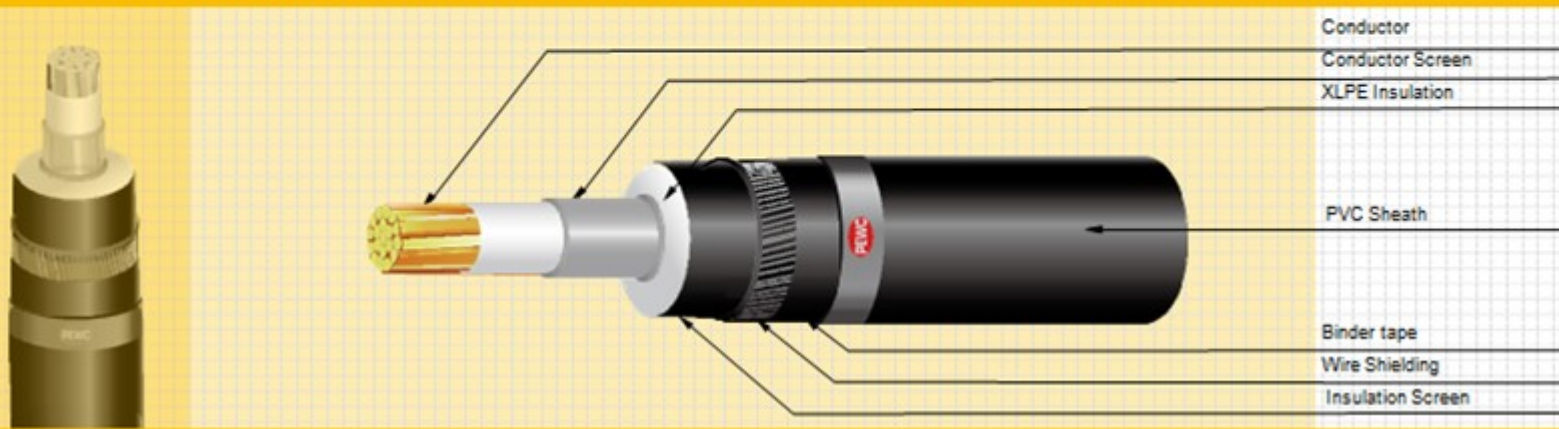


Cable Data Sheet



345KV XLPE Power Cable

TSCD-168-04

Conductor			Thick. of Insulation	Wire Shielding		Thick. of Sheath	Approx. Overall Diameter	Electrical Property			
Nominal Cross-section Area	Shape	Nom. Dia.		Nom. Dia.	No.			Max. Conductor DC Resistance (20°C)	A.C. Voltage Test (60min.)	Min. Insulation Resistance (15.6°C)	Partical Discharge
mm ²	—	mm	mm	mm	—	mm	mm	Ω/km	KV	MΩ-Km	KV
400	Compact Circular	24.1	27	2.3	80	5.5	105	0.0471	420	2840	285
600		29.5	27	2.3	80	5.5	110	0.0308	420	2540	285
800	Segmental	34.0	27	2.3	80	5.5	117	0.0231	420	2280	285
1000		38.0	27	2.3	80	6.0	122	0.0187	420	2140	285
1200		41.7	27	2.3	80	6.0	125	0.0156	420	2020	285
1600		48.2	27	2.3	80	6.0	132	0.0117	420	1820	285
2000		53.8	27	2.3	80	6.0	137	0.00933	420	1690	285
2500	61.2	27	2.3	80	6.0	6.0	146	0.0075	420	1550	285