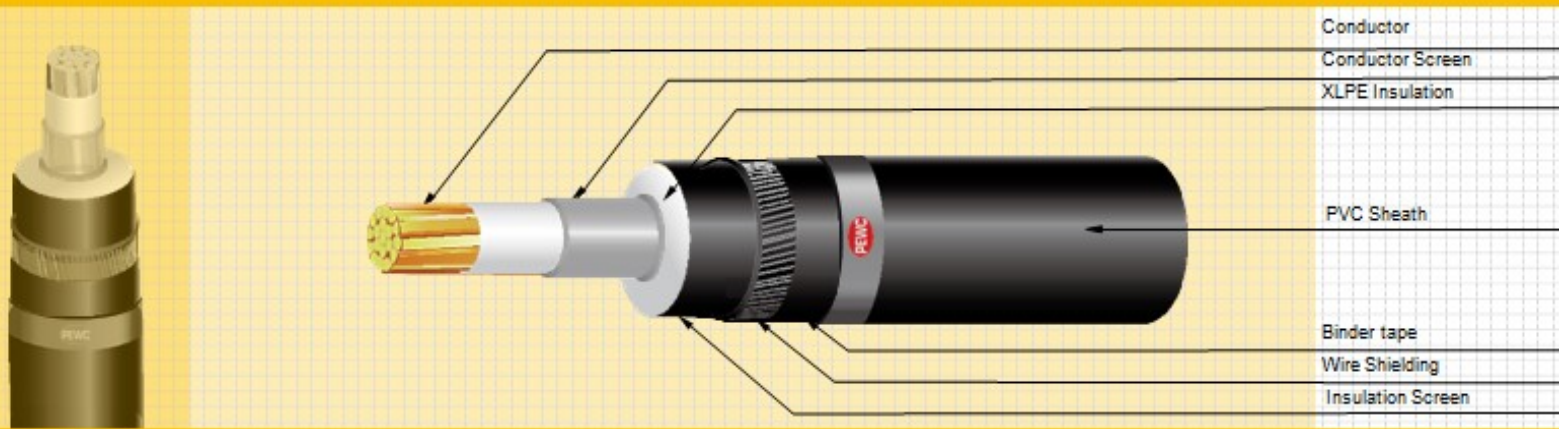


Cable Data Sheet



161KV XLPE Power Cable

TPC A046

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 (5min.)	Min. Insulation Resistance (15.6°C)	Partial Discharge
mm ²	—	mm	mm	mm	—	mm	mm	Ω/Km	KV	MΩ-Km	KV
200	Compact Circular	17.0	23	2.0	80	4.5	84	0.0933	240	3700	186
250		19.0	23	2.0	80	4.5	86	0.0754	240	3400	186
325		21.7	23	2.0	80	4.5	89	0.0580	240	3200	186
400		24.1	23	2.0	80	4.5	92	0.0471	240	3000	186
500		26.9	23	2.0	80	4.5	94	0.0376	240	2800	186
600		29.5	23	2.0	80	5.0	98	0.0308	240	2700	186
800	Segmental	34	23	2.0	80	5.0	104	0.0231	240	2400	186
1000		38	23	2.0	80	5.5	109	0.0187	240	2200	186
1200		41.7	23	2.0	80	5.5	112	0.0156	240	2100	186
1400		45.0	23	2.0	80	5.5	116	0.0133	240	2000	186
1600		48.2	23	2.0	80	5.5	120	0.0117	240	1900	186
1800		51.0	23	2.0	80	6.0	123	0.0104	240	1800	186
2000		53.8	23	2.0	80	6.0	126	0.00933	240	1800	186