

25KV 1/C XLPE Power Cable

TPC A043

Conductor Size	Cross-section Area	No. of Conductor	Dia. of Conductor	Approx. Conductor Weight	Min. Average Thickness of Sheath	Dia. of Insulation	Dia. of Insulation Screen	Max. Conductor D.C. Resistance (25°C)	Standard Length
AWG or MCM	mm ²	—	mm	Kg/km	mm	mm	mm	Ω/km	m
1	42.41	19	8.18	385	2.03	22.86±0.76	24.89±1.27	0.423	600
1/0	53.49	19	9.19	485	2.03	23.87±0.76	25.91±1.27	0.335	600
2/0	67.43	19	10.29	611	2.03	25.01±0.76	27.05±1.27	0.266	600
3/0	85.01	19	11.58	771	2.03	26.29±0.76	28.83±1.27	0.211	600
4/0	107.2	19	13.00	972	2.03	27.68±0.76	30.23±1.27	0.167	600
250	127	37	14.17	1150	2.03	29.46±0.76	32.00±1.27	0.141	600
350	177	37	16.76	1610	2.03	32.00±0.76	34.54±1.27	0.101	600
500	253	37	20.04	2300	2.03	35.31±0.76	37.85±1.27	0.0708	600
750	380	61	24.59	3450	2.03	40.13±0.76	43.18±1.27	0.0472	600
1000	507	61	28.37	4590	2.79	43.81±0.76	46.86±1.27	0.0354	600