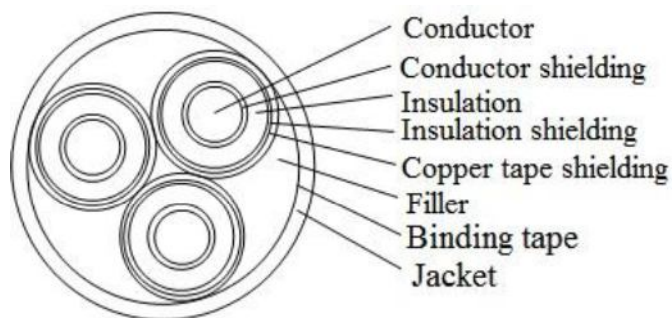


15kV Cross-link Polyethylene (XLPE) Insulated, Polyvinyl Chloride(PVC) Sheathed Power Cable



Cable constructure:

Conductor: Round Compacted stranded

Conductor shielding: semi-conducting XLPE compound

Insulation: Cross-Linked Polyethylene (XLPE)

Insulation shielding: semi-conducting XLPE compound

Copper tape shielding: Copper tape

Assembly: For multi-core type cable

Binding tape: If necessary

Jacket: Lead-Free Polyvinyl Chloride (LF-PVC)

Standard: CNS 2655 C2047

Voltage rated: Under 15kV

15kV neutral point grounded system

Conductor				Minimum average insulation thickness	Minimum average sheath thickness	Max. conductor Resistance (20°C)		A.C. Test Voltage	Minimum insulation resistance (20°C)	Standard Single Length	Overall Diameter (Approx.)	Weight (Approx.)
Nominal Cross-Sectional Area		Composi-tion	Outer diameter (Approx.)			Anneale d copper stranded wire	Tinned copper stranded wire					
mm ²	No.	No. /mm	mm	mm	mm	Ω /km	Ω /km	kV	MΩ .km	m	mm	kg/km
30	1	7/—	6.3	4.45	2.03	0.623	0.642	35	3500	300	23.5	812
38	1	7/—	7.1	4.45	2.03	0.487	0.502	35	3500	300	24.3	913
50	1	19/—	8.2	4.45	2.03	0.378	0.394	35	3000	300	25.4	1051
60	1	19/—	9.2	4.45	2.03	0.303	0.313	35	3000	300	26.4	1191
80	1	19/—	10.5	4.45	2.03	0.229	0.237	35	2500	300	27.7	1404
100	1	19/—	11.9	4.45	2.03	0.180	0.185	35	2500	200	29.1	1650
125	1	19/—	13.2	4.45	2.03	0.144	0.149	35	2000	200	30.6	1928
150	1	37/—	14.8	4.45	2.03	0.118	0.121	35	2000	200	32.7	2277
200	1	37/—	16.7	4.45	2.03	0.0922	0.0951	35	2000	200	34.6	2730
250	1	61/—	19.0	4.45	2.03	0.0722	0.0744	35	1500	200	36.9	3333
325	1	61/—	21.5	4.45	2.03	0.0565	0.0582	35	1500	200	39.6	4038
400	1	61/—	24.0	4.45	2.03	0.0454	0.0468	35	1500	150	42.1	4876
500	1	61/—	26.2	4.45	2.79	0.0373	0.0384	35	1500	150	46.5	5966
30	3	7/—	6.3	4.45	2.79	0.635	0.655	35	3500	200	46.9	2892
38	3	7/—	7.1	4.45	2.79	0.497	0.512	35	3500	200	48.6	3237
50	3	19/—	8.2	4.45	2.79	0.386	0.402	35	3000	200	51.0	3716
60	3	19/—	9.2	4.45	2.79	0.309	0.319	35	3000	200	53.2	4203
80	3	19/—	10.5	4.45	2.79	0.234	0.242	35	2500	200	56.0	4928
100	3	19/—	11.9	4.45	2.79	0.184	0.189	35	2500	150	59.0	5761
125	3	19/—	13.2	4.45	2.79	0.147	0.152	35	2000	150	62.2	6705
150	3	37/—	14.8	4.45	2.79	0.120	0.123	35	2000	150	66.7	7914
200	3	37/—	16.7	4.45	2.79	0.0940	0.0970	35	2000	150	70.8	9440
250	3	61/—	19.0	4.45	3.56	0.0736	0.0759	35	1500	150	75.8	11469
325	3	61/—	21.5	4.45	3.56	0.0576	0.0594	35	1500	150	83.3	14182



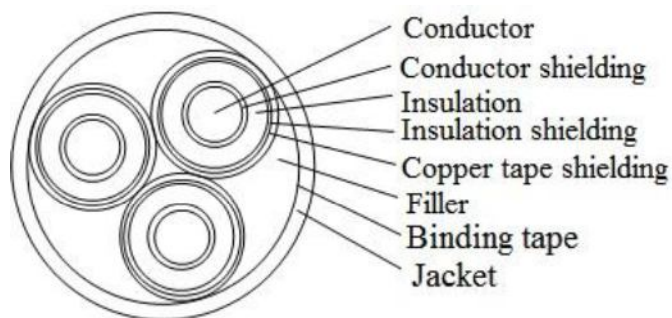
大亞集團

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Ta Ya Electric Wire & Cable Co.,Ltd.

15kV Cross-link Polyethylene (XLPE) Insulated, Polyvinyl Chloride(PVC) Sheathed Power Cable



Cable constructure:

Conductor: Round Compacted stranded

Conductor shielding: semi-conducting XLPE compound

Insulation: Cross-Linked Polyethylene (XLPE)

Insulation shielding: semi-conducting XLPE compound

Copper tape shielding: Copper tape

Assembly: For multi-core type cable

Binding tape: If necessary

Jacket: Lead-Free Polyvinyl Chloride (LF-PVC)

Standard: CNS 2655 C2047

Voltage rated: Under 15kV

15kV neutral point un-grounded system

Conductor				Minimum average insulation thickness	Minimum average sheath thickness	Max. conductor Resistance (20°C)		A.C. Test Voltage	Minimum insulation resistance (20°C)	Standard Single Length	Overall Diameter (Approx.)	Weight (Approx.)
Nominal Cross-Sectional Area	No.	Composi-tion	Outer diameter (Approx.)			Annealed copper stranded wire	Tinned copper stranded wire					
mm ²	No.	No. /mm	mm	mm	mm	Ω /km	Ω /km	kV	MΩ .km	m	mm	kg/km
30	1	7/—	6.3	5.59	2.03	0.623	0.642	44	3500	200	25.9	924
38	1	7/—	7.1	5.59	2.03	0.487	0.502	44	3500	200	26.9	1035
50	1	19/—	8.2	5.59	2.03	0.378	0.394	44	3500	200	27.8	1169
60	1	19/—	9.2	5.59	2.03	0.303	0.313	44	3000	200	28.8	1314
80	1	19/—	10.5	5.59	2.03	0.229	0.237	44	3000	150	30.1	1531
100	1	19/—	11.9	5.59	2.03	0.180	0.185	44	2500	150	31.5	1782
125	1	19/—	13.2	5.59	2.03	0.144	0.149	44	2500	150	33.5	2103
150	1	37/—	14.8	5.59	2.03	0.118	0.121	44	2500	150	35.1	2424
200	1	37/—	16.7	5.59	2.03	0.0922	0.0951	44	2000	150	37.0	2884
250	1	61/—	19.0	5.59	2.03	0.0722	0.0744	44	2000	150	39.3	3496
325	1	61/—	21.5	5.59	2.79	0.0565	0.0582	44	2000	150	43.7	4381
400	1	61/—	24.0	5.59	2.79	0.0454	0.0468	44	1500	150	46.2	5239
500	1	61/—	26.2	5.59	2.79	0.0373	0.0384	44	1500	150	49.4	6223
30	3	7/—	6.3	5.59	2.79	0.635	0.655	44	3500	150	52.1	3355
38	3	7/—	7.1	5.59	2.79	0.497	0.512	44	3500	150	54.2	3746
50	3	19/—	8.2	5.59	2.79	0.386	0.402	44	3500	150	56.2	4213
60	3	19/—	9.2	5.59	2.79	0.309	0.319	44	3000	150	58.3	4709
80	3	19/—	10.5	5.59	2.79	0.234	0.242	44	3000	150	61.1	5457
100	3	19/—	11.9	5.59	2.79	0.184	0.189	44	2500	150	64.2	6325
125	3	19/—	13.2	5.59	2.79	0.147	0.152	44	2500	150	68.5	7448
150	3	37/—	14.8	5.59	2.79	0.120	0.123	44	2500	150	71.9	8544
200	3	37/—	16.7	5.59	3.56	0.0940	0.0970	44	2000	150	77.7	10410
250	3	61/—	19.0	5.59	3.56	0.0736	0.0759	44	2000	150	82.7	12500
325	3	61/—	21.5	5.59	3.56	0.0576	0.0594	44	2000	150	88.5	14956



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