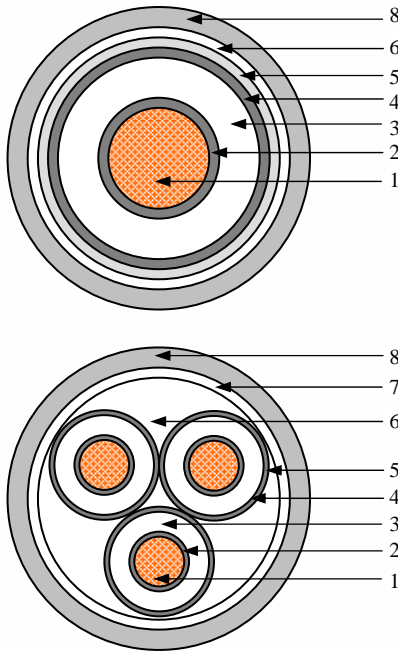


Power Cable

XLPE insulated PVC sheathed power cable with copper conductor

Product Description



Standards:

This cable is manufactured according to the requirements of IEC 502(1994) and suitable to be installed in electrical power transmission and distribution lines of rated voltage from (U0/U) 3.6/6KV to 18/30 KV

Construction:

1. Conductor: Plain circular compacted copper conductor to IEC 228-class 2.
2. Conductor screen: Extruded semiconductive compound.
3. Insulation: XLPE (cross-linked polyethylene) rated 90°C
4. Insulation screen: Extruded semiconductive compound.
5. Metallic screen: Copper tape.
6. Filler: Non-hygroscopic material.
7. Binder: Fabric tape.
8. Sheath: PVC to IEC 520.

Cores identification for 3 cores cable:

Red, yellow and blue narrow tapes applied between insulation screen and copper tape.

Application:

For installation on trays, ducts.

3.6/6 KV XLPE insulated power cable

Part No.	cores	Nominal Cross-sectional Area (mm ²)	Nominal thickness of insulation (mm)	Approx. thickness of Cu tape (mm)	Nominal thickness of sheath (mm)	Approx. Overall Diameter (mm)	Approx. Net weight (kg/km)	
KFK0100	1	35	2.5	0.1	1.5	19	670	
KFL0150		50	2.5	0.1	1.6	21	810	
KFM0150		70	2.5	0.1	1.6	22	1040	
KFN0150		95	2.5	0.1	1.7	24	1330	
KFO0150		120	2.5	0.1	1.7	26	1590	
KFP0150		150	2.5	0.1	1.8	27	1890	
KFQ0100		185	2.5	0.1	1.8	29	2270	
KFR0100		240	2.6	0.1	1.9	32	2860	
KFR0150		300	2.8	0.1	2.0	35	3540	
KFS0100		400	3.0	0.1	2.1	39	4410	
KFS0150		500	3.2	0.1	2.2	42	5530	
KFK0300		3	35	2.5	0.1	2.2	38	1990
KFL0350			50	2.5	0.1	2.3	40	2420
KFM0350			70	2.5	0.1	2.4	44	3150
KFN0350	95		2.5	0.1	2.5	48	4040	
KFO0350	120		2.5	0.1	2.6	51	4850	
KFP0350	150		2.5	0.1	2.7	54	5770	
KFQ0300	185		2.5	0.1	2.8	58	6960	
KFR0300	240		2.6	0.1	3.0	64	8830	
KFR0350	300		2.8	0.1	3.2	71	10910	

Power Cable

XLPE insulated PVC sheathed power cable with copper conductor

6/10 KV XLPE insulated power cable

Part No.	cores	Nominal Cross-sectional Area (mm ²)	Nominal thickness of insulation (mm)	Approx. thickness of Cu tape (mm)	Nominal thickness of sheath (mm)	Approx. Overall Diameter (mm)	Approx. Net weight (kg/km)
KGK0100	1	35	3.4	0.1	1.6	21	750
KGL0150		50	3.4	0.1	1.6	23	890
KGM0150		70	3.4	0.1	1.7	24	1130
KGN0150		95	3.4	0.1	1.7	26	1420
KGO0150		120	3.4	0.1	1.8	28	1690
KGP0150		150	3.4	0.1	1.8	29	2150
KGQ0100		185	3.4	0.1	1.9	31	2380
KGR0100		240	3.4	0.1	2.0	34	3000
KGR0150		300	3.4	0.1	2.0	37	3620
KGS0100		400	3.4	0.1	2.2	40	4490
KGS0150		500	3.4	0.1	2.2	43	5560
KGK0300	3	35	3.4	0.1	2.3	42	2240
KGL0350		50	3.4	0.1	2.4	44	2680
KGM0350		70	3.4	0.1	2.5	48	3410
KGN0350		95	3.4	0.1	2.7	52	4350
KGO0350		120	3.4	0.1	2.8	55	5200
KGP0350		150	3.4	0.1	2.9	59	6140
KGQ0300		185	3.4	0.1	3.0	63	7360
KGR0300		240	3.4	0.1	3.1	68	9210
KGR0350		300	3.4	0.1	3.3	74	11220

8.7/15 KV XLPE insulated power cable

Part No.	cores	Nominal Cross-sectional Area (mm ²)	Nominal thickness of insulation (mm)	Approx. thickness of Cu tape (mm)	Nominal thickness of sheath (mm)	Approx. Overall Diameter (mm)	Approx. Net weight (kg/km)
KHK0100	1	35	4.5	0.1	1.7	24	850
KHL0150		50	4.5	0.1	1.7	25	990
KHM0150		70	4.5	0.1	1.8	27	1240
KHN0150		95	4.5	0.1	1.8	28	1530
KHO0150		120	4.5	0.1	1.9	30	1820
KHP0150		150	4.5	0.1	1.9	32	2110
KHQ0100		185	4.5	0.1	2.0	34	2540
KHR0100		240	4.5	0.1	2.1	36	3150
KHR0150		300	4.5	0.1	2.1	39	3780
KHS0100		400	4.5	0.1	2.2	42	4640
KHS0150		500	4.5	0.1	2.3	45	5750
KHK0300	3	35	4.5	0.1	2.5	47	2570
KHL0350		50	4.5	0.1	2.6	49	3040
KHM0350		70	4.5	0.1	2.7	53	3800
KHN0350		95	4.5	0.1	2.8	57	4750
KHO0350		120	4.5	0.1	2.9	60	5600
KHP0350		150	4.5	0.1	3.0	63	6570
KHQ0300		185	4.5	0.1	3.1	68	7800
KHR0300		240	4.5	0.1	3.3	73	9730
KHR0350		300	4.5	0.1	3.5	79	11750

Power Cable

XLPE insulated PVC sheathed power cable with copper conductor

12/20 KV XLPE insulated power cable

Part No.	cores	Nominal Cross-sectional Area (mm ²)	Nominal thickness of insulation (mm)	Approx. thickness of Cu tape (mm)	Nominal thickness of sheath (mm)	Approx. Overall Diameter (mm)	Approx. Net weight (kg/km)	
KIK0100	1	35	5.5	0.1	1.7	26	940	
KIL0150		50	5.5	0.1	1.8	27	1090	
KIM0150		70	5.5	0.1	1.8	29	1340	
KIN0150		95	5.5	0.1	1.9	31	1650	
KIO0150		120	5.5	0.1	1.9	32	1920	
KIP0150		150	5.5	0.1	2.0	34	2270	
KIQ0100		185	5.5	0.1	2.0	36	2660	
KIR0100		240	5.5	0.1	2.1	38	3270	
KIR0150		300	5.5	0.1	2.2	41	3920	
KIS0100		400	5.5	0.1	2.3	44	4810	
KIS0150		500	5.5	0.1	2.4	47	5960	
KIK0300		3	35	5.5	0.1	2.6	51	2880
KIL0350			50	5.5	0.1	2.7	54	3370
KIM0350	70		5.5	0.1	2.8	57	4170	
KIGN0350	95		5.5	0.1	3.0	62	5170	
KIO0350	120		5.5	0.1	3.1	65	6070	
KIP0350	150		5.5	0.1	3.2	69	7040	
KIQ0300	185		5.5	0.1	3.3	72	8320	
KIR0300	240		5.5	0.1	3.5	78	10230	
KIR0350	300		5.5	0.1	3.6	84	12290	

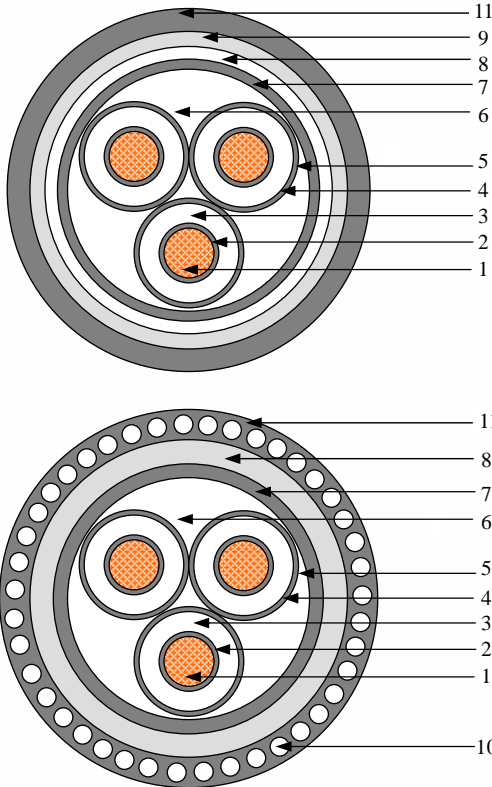
18/30 KV XLPE insulated power cable

Part No.	cores	Nominal Cross-sectional Area (mm ²)	Nominal thickness of insulation (mm)	Approx. thickness of Cu tape (mm)	Nominal thickness of sheath (mm)	Approx. Overall Diameter (mm)	Approx. Net weight (kg/km)
KJL0150	1	50	8.0	0.1	2.0	33	1380
KJM0150		70	8.0	0.1	2.0	35	1660
KJN0150		95	8.0	0.1	2.1	36	1990
KJO0150		120	8.0	0.1	2.1	38	2280
KJP0150		150	8.0	0.1	2.2	40	2620
KJQ0100		185	8.0	0.1	2.2	41	3030
KJR0100		240	8.0	0.1	2.3	44	3660
KJR0150		300	8.0	0.1	2.4	47	4520
KJS0100		400	8.0	0.1	2.5	50	5290
KJS0150		500	8.0	0.1	2.6	53	6450
KJL0350		3	50	8.0	0.1	3.1	63
KJM0350	70		8.0	0.1	3.2	69	5250
KJN0350	95		8.0	0.1	3.3	73	6270
KJO0350	120		8.0	0.1	3.5	77	7250
KJP0350	150		8.0	0.1	3.6	80	8280
KJQ0300	185		8.0	0.1	3.7	84	9600
KJR0300	240		8.0	0.1	3.8	88	11590
KJR0350	300		8.0	0.1	4.0	95	13740



Power Cable

XLPE insulated PVC sheathed power cable with armour



Product Description

Standards:

This cable is manufactured according the requirements of IEC 502(1994) and suitable to be installed in electrical power transmission and distribution lines of rated voltage from (U0/U) 3.6/6KV to 18/30 KV

Construction:

1. Conductor: Plain circular compacted copper conductor to IEC 228-class 2.
2. Conductor screen: Extruded semiconductive compound.
3. Insulation: XLPE (cross-linked polyethylene) rated 90°C
4. Insulation screen: Extruded semiconductive compound.
5. Metallic screen: Copper tape.
6. Filler: Non-hygroscopic material.
7. Binder: Fabric tape.
8. Bedding: Extruded PVC Bedding.
9. Tape armour: Galvanized steel tape applied over the bedding.
10. Wire armour: Galvanized steel tape applied over the bedding.
11. Outer sheath: PVC to IEC 520.

Cores identification for 3 cores cable:

Red, yellow and blue narrow tapes applied between insulation screen and copper tape.

Application:

These cables are generally suitable for direct burial or for installation on trays or ducts. Where there is a risk of mechanical damage, armoured cables should be used.

3.6/6 KV XLPE insulated 3-cores power cable with armour

Part No.	Armour type	Nominal Cross-sectional Area (mm ²)	Nominal thickness of insulation (mm)	Approx. thickness of Cu tape (mm)	Amour wire Diameter or tape thickness (mm)	Nominal thickness of sheath (mm)	Approx. Overall Diameter (mm)	Approx. Net weight (kg/km)
KLK0300	SWA	35	2.5	0.1	2.5	2.4	48	4670
KLL0350		50	2.5	0.1	2.5	2.5	51	5250
KLM0350		70	2.5	0.1	2.5	2.6	55	6240
KLN0350		95	2.5	0.1	2.5	2.7	58	7360
KLO0350		120	2.5	0.1	2.5	2.9	62	8480
KLP0350		150	2.5	0.1	2.5	3.0	66	9660
KLQ0300		185	2.5	0.1	2.5	3.1	70	11110
KLR0300		240	2.6	0.1	2.5	3.3	76	13400
KQK0300	DTS	35	2.5	0.1	0.5	2.3	45	3290
KQL0350		50	2.5	0.1	0.5	2.4	47	3890
KQM0350		70	2.5	0.1	0.5	2.5	51	4680
KQN0350		95	2.5	0.1	0.5	2.6	55	5680
KQO0350		120	2.5	0.1	0.5	2.8	59	6690
KQP0350		150	2.5	0.1	0.5	2.9	62	7770
KQQ0300		185	2.5	0.1	0.5	3.0	66	9070
KQR0300		240	2.6	0.1	0.5	3.2	72	11230
KQR0350		300	2.8	0.1	0.5	3.4	80	13710

Power Cable

XLPE insulated PVC sheathed power cable with armour

6/10 KV XLPE insulated 3-cores power cable with armour

Part No.	Armour type	Nominal Cross-sectional Area (mm ²)	Nominal thickness of insulation (mm)	Approx. thickness of Cu tape (mm)	Amour wire Diameter or tape thickness (mm)	Nominal thickness of sheath (mm)	Approx. Overall Diameter (mm)	Approx. Net weight (kg/km)
KMK0300	SWA	35	3.4	0.1	2.5	2.6	52	5150
KML0350		50	3.4	0.1	2.5	2.7	55	5820
KMM0350		70	3.4	0.1	2.5	2.8	59	6840
KMN0350		95	3.4	0.1	2.5	2.9	63	7880
KMO0350		120	3.4	0.1	2.5	3.0	66	9080
KMP0350		150	3.4	0.1	2.5	3.1	70	10280
KMQ0300		185	3.4	0.1	2.5	3.2	74	11780
KRK0300	DTS	35	3.4	0.1	0.5	2.4	49	3650
KRL0350		50	3.4	0.1	0.5	2.6	52	4240
KRM0350		70	3.4	0.1	0.5	2.7	56	5140
KRN0350		95	3.4	0.1	0.5	2.8	59	6170
KRO0350		120	3.4	0.1	0.5	2.9	63	7170
KRP0350		150	3.4	0.1	0.5	3.0	66	8230
KRQ0300		185	3.4	0.1	0.5	3.1	71	9650
KRR0300		240	3.4	0.1	0.5	3.3	77	11840
KRR0350		300	3.4	0.1	0.5	3.5	83	14130

8.7/15 KV XLPE insulated 3-cores power cable with armour

Part No.	Armour type	Nominal Cross-sectional Area (mm ²)	Nominal thickness of insulation (mm)	Approx. thickness of Cu tape (mm)	Amour wire Diameter or tape thickness (mm)	Nominal thickness of sheath (mm)	Approx. Overall Diameter (mm)	Approx. Net weight (kg/km)
KNK0300	SWA	35	4.5	0.1	2.5	2.7	58	5850
KNL0350		50	4.5	0.1	2.5	2.8	60	6500
KNM0350		70	4.5	0.1	2.5	2.9	64	7520
KNN0350		95	4.5	0.1	2.5	3.1	68	8810
KNO0350		120	4.5	0.1	2.5	3.2	72	9930
KSK0300		DTS	35	4.5	0.1	0.5	2.6	54
KSL0350	50		4.5	0.1	0.5	2.7	57	4760
KSM0350	70		4.5	0.1	0.5	2.8	60	5680
KSN0350	95		4.5	0.1	0.5	3.0	65	6820
KSO0350	120		4.5	0.1	0.5	3.1	69	7870
KSP0350	150		4.5	0.1	0.5	3.2	72	8940
KSQ0300	185		4.5	0.1	0.5	3.3	77	10490
KSR0300	240		4.5	0.1	0.5	3.5	82	12610
KSR0350	300		4.5	0.1	0.8	3.7	90	15870

Power Cable

XLPE insulated PVC sheathed power cable with armour

12/20 KV XLPE insulated 3-cores power cable with armour

Part No.	Armour type	Nominal Cross-sectional Area (mm ²)	Nominal thickness of insulation (mm)	Approx. thickness of Cu tape (mm)	Amour wire Diameter or tape thickness (mm)	Nominal thickness of sheath (mm)	Approx. Overall Diameter (mm)	Approx. Net weight (kg/km)
KOK0300	SWA	35	5.5	0.1	2.5	2.9	62	6520
KOL0350		50	5.5	0.1	2.5	3.0	65	7200
KOM0350		70	5.5	0.1	2.5	3.1	69	8180
KON0350		95	5.5	0.1	2.5	3.2	73	9510
KTK0300	DTS	35	5.5	0.1	0.5	2.8	59	4720
KTL0350		50	5.5	0.1	0.5	2.9	62	5380
KTM0350		70	5.5	0.1	0.5	3.0	65	6250
KTN0350		95	5.5	0.1	0.5	3.1	70	7470
KTO0350		120	5.5	0.1	0.5	3.2	73	8470
KTP0350		150	5.5	0.1	0.5	3.3	78	9710
KTQ0300		185	5.5	0.1	0.5	3.5	82	11190
KTR0300		240	5.5	0.1	0.8	3.7	88	14260
KTR0350		300	5.5	0.1	0.8	3.8	95	16650

12/20 KV XLPE insulated 3-cores power cable with armour

Part No.	Armour type	Nominal Cross-sectional Area (mm ²)	Nominal thickness of insulation (mm)	Approx. thickness of Cu tape (mm)	Amour wire Diameter or tape thickness (mm)	Nominal thickness of sheath (mm)	Approx. Overall Diameter (mm)	Approx. Net weight (kg/km)
KUL0350	DTS	50	8.0	0.1	0.5	3.3	74	6850
KUM0350		70	8.0	0.1	0.5	3.4	78	7960
KUN0350		95	8.0	0.1	0.5	3.5	82	9180
KUO0350		120	8.0	0.1	0.8	3.7	87	11140
KUP0350		150	8.0	0.1	0.8	3.8	91	12440
KUQ0300		185	8.0	0.1	0.8	3.9	95	13980
KUR0300		240	8.0	0.1	0.8	4.1	100	16340
KUR0350		300	8.0	0.1	0.8	4.2	107	18820