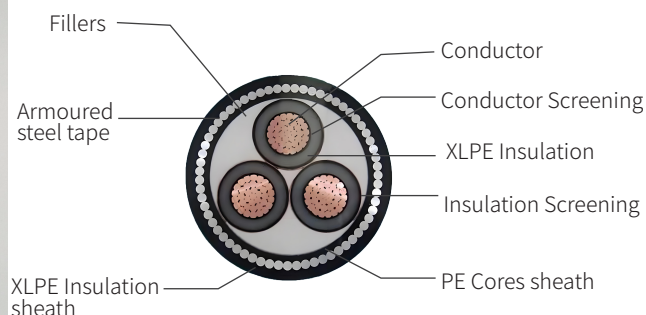


Xlpe insulated electric cables



Product Description/产品描述

Conductor material: oxygen-free copper (OFC)
 Kleuren: OEM&ODM
 Insulation material: kruisgebonden poly-ethyleen (xlpe)
 High and low temperature resistance: -30 °C ~ + 70 °C (90°C)

APPLICATIONS

The cable is used in electric transmission and distribution system operating at rated voltage of 0.6/1,1.8/3,3.6/6, 6/10,8.7/15,12/20,18/30,21/35,26/35KV.

Model	Name
YJV YJILV	Cu and Al conductor, XLPE insulated, PVC sheathed electric cable
YJY YJLY	Cu and Al conductor, XLPE insulated, PE sheathed electric cable
YJV ₂₂ 23 YJLV ₂₂ 23	Cu and Al conductor, XLPE insulated, steel tape armourd, PVC sheathed electric cable
YJV ₃₂ 42 43 YJLV ₃₂ 33 42 43	Cu and Al conductor, XLPE insulated, steel wire armourd, PVC or PE sheathed electric cable

0.6/1kV XLPE insulated power cable

Nominal cross-sectional area of conductor (mm ²)	Nominal thickness of insulation mm	Steel tape thick mm	Nominal thickness of sheath mm	Approx. weight kg/ km			
				YJV	YJLV	YJY	YJLY
1×1.5	0.7	1.4	6	47	38	37	28
1×2.5	0.7	1.4	6	59	44	49	33
1×4	0.7	1.4	7	77	52	65	40
1×6	0.7	1.4	7	99	62	86	49
1×10	0.7	1.4	8	147	84	131	68
1×16	0.7	1.4	9	209	109	191	91
1×25	0.9	1.4	11	304	149	283	127
1×35	0.9	1.4	12	400	184	377	160
1×50	1	1	13	524	232	498	205
1×70	1.1	1.4	15	732	310	701	279
1×95	1.1	1.5	17	991	404	953	367
1×120	1.2	1.5	18	1230	490	1189	449
1×150	1.4	1.6	20	1516	603	1467	554
1×185	1.6	1.7	23	1890	748	1832	690
1×240	1.7	1.8	26	2454	954	2384	884
1×300	1.8	1.8	28	3041	1157	2965	1081
1×400	2	2	32	3888	1478	3789	1379
1×500	2.2	2.1	36	4959	1874	4850	1755
1×630	2.4	2.2	40	6384	2382	6242	2240
2×1.5	0.7	1.8	10	105	86	84	62
2×2.5	0.7	1.8	10	134	102	111	79
2×4	0.7	1.8	11	173	123	148	98
2×6	0.7	1.8	12	226	150	198	122
2×10	0.7	1.8	15	342	214	307	178
2×16	0.7	1.8	17	488	285	448	244
2×25	0.9	1.8	21	711	393	663	345
2×35	0.9	1.8	23	927	486	873	433
2×50	1	1.8	21	1096	499	1045	448
2×70	1.1	1.8	23	1518	657	1460	598
2×95	1.1	2	27	2061	846	1987	791
2×120	1.2	2.1	29	2567	1058	2483	937
2×150	1.4	2.2	32	3155	1292	3057	1194
2×185	1.6	2.3	36	3913	1583	3799	1469

Nominal cross-sectional area of conductor (mm ²)	Nominal thickness of insulation mm	Nominal thickness of sheath mm	Average Approx. overall diameter mm	Approx. weight kg/ km			
				YJV	YJLV	YJY	YJLY
3×1.5	0.7	1.8	10	127	99	105	77
3×2.5	0.7	1.8	11	167	120	143	96
3×4	0.7	1.8	12	221	145	194	118
3×6	0.7	1.8	13	293	179	263	149
3×10	0.7	1.8	16	445	253	408	215
3×16	0.7	1.8	18	647	342	604	299
3×25	0.9	1.8	22	959	482	908	431
3×35	0.9	1.8	24	1274	613	1217	556
3×50	1	1.8	24	1590	695	1530	634
3×70	1.1	1.9	28	2228	935	2154	861
3×95	1.1	2	31	3015	1220	2927	1132
3×120	1.2	2.1	34	3763	1497	3661	1396
3×150	1.4	2.3	38	4965	1861	4533	1738
3×185	1.6	2.4	42	5778	2281	5636	2138
3×240	1.7	2.6	47	7513	2920	7339	2746
3×300	1.8	2.8	52	9409	3642	9202	3535
3×400	2	3.1	59	13026	4921	12650	4763
4×1.5	0.7	1.8	11	154	117	130	93
4×2.5	0.7	1.8	12	204	142	177	109
4×4	0.7	1.8	13	274	175	245	146
4×6	0.7	1.8	14	363	214	330	181
4×10	0.7	1.8	17	559	307	518	266
4×16	0.7	1.8	20	815	416	767	368
4×25	0.9	1.8	25	1208	585	1151	528
4×35	0.9	1.8	27	1612	747	1549	684
4×50	1	1.9	28	2057	886	1983	812
4×70	1.1	2	32	2883	1193	2794	1104
4×95	1.1	2.1	36	3914	1567	3808	1461
4×120	1.2	2.3	39	4902	1941	4775	1814
4×150	1.4	2.4	44	6033	2380	5886	2233
4×185	1.6	2.6	48	7526	2955	7348	2777
4×240	1.7	2.8	54	9781	3778	9565	3562
4×300	1.8	3	60	12184	4646	11929	4391
4×400	2	3.2	65	15658	5892	14891	5409

Nominal cross-sectional area of conductor (mm ²)	Nominal thickness of insulation mm	Nominal thickness of sheath mm	Average Approx. overall diameter mm	Approx. weight kg/ km			
				YJV	YJLV	YJY	YJLY
5×4	0.7	1.8	14	332	206	300	174
5×6	0.7	1.8	15	446	256	410	220
5×10	0.7	1.8	18	691	370	646	325
5×16	0.7	1.8	21	1007	499	954	446
5×25	0.9	1.8	25	1504	710	1441	647
5×35	0.9	1.8	27	2007	905	1937	835
5×50	1.0	1.9	32	2726	1234	2634	1142
5×70	1.1	2.1	37	3823	1669	3712	1558
5×95	1.1	2.2	41	5190	2199	5050	2059
5×120	1.2	2.4	46	6349	2575	6187	2413
5×150	1.4	2.5	50	7869	3213	7673	3017
5×185	1.6	2.7	56	9788	3962	9552	3726
5×240	1.7	2.9	63	12849	5198	12564	4913
5×300	1.8	3.1	70	15920	6314	15584	5978
3×4+1×2.5	0.7	1.8	13	258	166	229	137
3×6+1×4	0.7	1.8	14	344	205	312	173
3×10+1×6	0.7	1.8	17	516	285	476	246
3×16+1×10	0.7	1.8	19	765	396	719	350
3×25+1×16	0.9	1.8	23	1134	556	1079	501
3×35+1×16	0.9	1.8	25	1431	668	1371	608
3×50+1×25	1.0	1.8	27	1863	809	1803	742
3×70+1×35	1.1	1.9	30	2604	1090	2523	1009
3×95+1×50	1.1	2.1	35	3527	1433	3425	1331
3×120+1×70	1.2	2.2	38	4489	1794	4371	1676
3×150+1×70	1.4	2.3	42	5362	2136	5227	2001
3×185+1×95	1.6	2.5	47	6770	2674	6605	2509
3×240+1×120	1.7	2.7	52	8743	3395	8545	3197
3×300+1×150	1.8	2.9	57	10878	4180	10643	3945
3×400+1×240	2.0	3.1	63	14425	5617	14108	5105

Nominal cross-sectional area of conductor (mm ²)	Nominal thickness of insulation mm	Nominal thickness of sheath mm	Average Approx. overall diameter mm	Approx. weight kg/ km			
				YJV	YJLV	YJY	YJLY
3×4+2×2.5	0.7	1.8	13	296	187	263	156
3×6+2×4	0.7	1.8	15	399	234	364	199
3×10+2×6	0.7	1.8	17	589	320	547	278
3×16+2×10	0.7	1.8	21	879	446	829	396
3×25+2×16	0.9	1.8	24	1313	633	1254	574
3×35+2×16	0.9	1.8	26	1607	742	1573	678
3×50+2×25	1.0	1.9	30	2243	1029	2162	948
3×70+2×35	1.1	2.0	35	3126	1392	3028	1294
3×95+2×50	1.1	2.2	39	4207	1814	4085	1692
3×120+2×70	1.2	2.3	44	5303	2176	5159	2032
3×150+2×70	1.4	2.4	48	6209	2552	6047	2390
3×185+2×95	1.6	2.6	53	7898	3204	7701	3007
3×240+2×120	1.7	2.8	60	10188	4086	9949	3847
3×300+2×150	1.8	3.0	66	12675	5045	12392	4762
4×4+1×2.5	0.7	1.8	14	313	197	281	165
4×6+1×4	0.7	1.8	15	448	271	413	236
4×10+1×6	0.7	1.8	19	656	361	612	317
4×16+1×10	0.7	1.8	22	946	475	894	423
4×25+1×16	0.9	1.8	25	1408	670	1347	609
4×35+1×16	0.9	1.8	28	1807	823	1740	756
4×50+1×25	1.0	2.0	33	2479	1127	2395	1043
4×70+1×35	1.1	2.1	37	3483	1539	3374	1430
4×95+1×50	1.1	2.3	43	4677	1986	4549	1858
4×120+1×70	1.2	2.4	48	5971	2522	5815	2366
4×150+1×70	1.4	2.6	53	7021	2865	6843	2687
4×185+1×95	1.6	2.8	59	8858	3599	8643	3384
4×240+1×120	1.7	3.0	67	11473	4598	11212	4337
4×300+1×150	1.8	3.2	74	14275	5659	13967	5351

Nominal cross-sectional area of conductor (mm ²)	Nominal thickness of insulation mm	Nominal thickness of sheath mm	Average Approx. overall diameter mm	Approx. weight kg/ km			
				YJV ₂₂	YJLV ₂₂	YJY ₂₃	YJLY ₂₃
2×4	0.7	1.8	15	324	274	290	240
2×6	0.7	1.8	16	390	314	353	277
2×10	0.7	1.8	18	524	396	480	352
2×16	0.7	1.8	20	694	490	645	441
2×25	0.9	1.8	24	978	645	922	589
2×35	0.9	1.8	26	1222	782	1160	720
2×50	1.0	1.8	24	1372	975	1312	915
2×70	1.1	2.0	28	2124	1263	2761	1185
2×95	1.1	2.1	31	2728	1532	2637	1441
2×120	1.2	2.2	34	3292	1783	3189	1680
2×150	1.4	2.4	37	3975	2113	3851	1989
2×185	1.6	2.5	41	4838	2508	4696	2366
3×4	0.7	1.8	15	379	303	344	268
3×6	0.7	1.8	16	466	352	428	314
3×10	0.1	1.8	19	655	462	609	416
3×16	0.7	1.8	21	887	582	835	530
3×25	0.9	1.8	25	1243	766	1183	706
3×35	0.9	1.8	28	1588	927	1523	862
3×50	1.0	1.9	28	1923	1027	1850	954
3×70	1.1	2.0	33	2929	1636	2838	1545
3×95	1.1	2.2	36	3822	2026	3710	1891
3×120	1.2	2.3	39	4659	2394	4532	2267
3×150	1.4	2.4	43	5627	2832	5482	2687
3×185	1.6	2.6	48	6879	3400	6723	3226
3×240	1.7	2.8	53	8788	4195	8579	3986
3×300	1.8	2.9	58	10787	5020	10550	4783
3×400	2.0	3.1	65	14306	6681	14120	6352

Nominal cross-sectional area of conductor (mm ²)	Nominal thickness of insulation mm	Nominal thickness of sheath mm	Average Approx. overall diameter mm	Approx. weight kg/ km			
				YJV ₂₂	YJLV ₂₂	YJY ₂₂	YJLY ₂₂
4×4	0.7	1.8	16	445	354	407	327
4×6	0.7	1.8	17	550	409	509	389
4×10	0.7	1.8	21	787	539	737	524
4×16	0.7	1.8	23	1076	810	1019	795
4×25	0.9	1.8	27	1519	1041	1454	1021
4×35	0.9	1.8	30	1957	1243	1885	1225
4×50	1.0	2.0	33	2759	1539	2668	1510
4×70	1.1	2.1	36	3678	2017	3571	1982
4×95	1.1	2.3	41	4832	2483	4700	2353
4×120	1.2	2.4	44	5906	2945	5756	2813
4×150	1.4	2.6	49	7186	3533	7007	3354
4×185	1.6	2.7	54	8807	4236	8602	4031
4×240	1.7	3.0	60	11268	5625	11013	5010
4×300	1.8	3.1	66	13824	6286	13534	5996
4×400	2.0	3.3	74	17258	7908	16865	7493
5×4	0.7	1.8	17	507	380	466	339
5×6	0.7	1.8	19	638	448	593	403
5×10	0.7	1.8	22	926	605	871	551
5×16	0.7	1.8	25	1277	769	1215	707
5×25	0.9	1.8	28	1817	1023	1746	952
5×35	0.9	2.0	33	2705	1603	2613	1511
5×50	1.0	2.1	37	3525	2033	3414	1923
5×70	1.1	2.2	42	4732	2578	4601	2447
5×95	1.1	2.4	48	6256	3265	6093	3101
5×120	1.2	2.6	53	7571	3797	7376	3602
5×150	1.4	2.7	58	9221	4565	8997	4341
5×185	1.6	2.9	65	11319	5494	11052	5227
5×240	1.7	3.2	73	14631	6981	14300	6650
5×300	1.8	3.4	80	17948	8341	17560	7954

Nominal cross-sectional area of conductor (mm ²)	Nominal thickness of insulation mm	Nominal thickness of sheath mm	Average Approx. overall diameter mm	Approx. weight kg/ km			
				YJV22	YJLV22	YJY23	YJLY23
3×4+1×2.5	0.7	1.8	16	425	333	388	296
3×6+1×4	0.7	1.8	17	527	388	486	347
3×10+1×6	0.7	1.8	20	734	503	686	455
3×16+1×10	0.7	1.8	23	1019	650	964	595
3×25+1×16	0.9	1.8	26	1434	856	1371	793
3×35+1×16	0.9	1.8	28	1757	994	1689	926
3×50+1×25	1.0	1.9	30	2229	1175	2149	1095
3×70+1×35	1.1	2.1	35	3386	1872	3282	1768
3×95+1×50	1.1	2.2	39	4397	2303	4275	2181
3×120+1×70	1.2	2.3	43	5468	2772	5328	2632
3×150+1×70	1.4	2.5	47	6464	3238	6299	3073
3×185+1×95	1.6	2.6	52	8004	3908	7813	3717
3×240+1×120	1.7	2.8	57	10140	4792	9912	4564
3×300+1×150	1.8	3.0	63	12445	5747	12177	5479
3×400+1×240	2.0	3.2	71	16681	76584	16872	7082
3×4+2×2.5	0.7	1.8	17	463	356	423	316
3×6+2×4	0.7	1.8	18	584	420	541	376
3×10+2×6	0.7	1.8	21	806	538	756	487
3×16+2×10	0.7	1.8	24	1136	702	1077	644
3×25+2×16	0.9	1.8	27	1610	930	1542	852
3×35+2×16	0.9	1.8	29	1926	1061	1853	988
3×50+2×25	1.0	2.0	35	2983	1770	2885	1672
3×70+2×35	1.1	2.1	40	3979	2244	3861	2127
3×95+2×50	1.1	2.3	44	5162	2769	5018	2626
3×120+2×70	1.2	2.4	49	6397	3269	6229	3102
3×150+2×70	1.4	2.5	53	7409	3752	7221	3564
3×185+2×95	1.6	2.7	59	9259	4565	9034	4339
3×240+2×120	1.7	2.9	65	11737	5635	11467	5365
3×300+2×150	1.8	3.1	72	14413	6783	14095	6465

Nominal cross-sectional area of conductor (mm ²)	Nominal thickness of insulation mm	Nominal thickness of sheath mm	Average Approx. overall diameter mm	Approx. weight kg/ km			
				YJV22	YJLV22	YJY23	YJLY23
4×4+1×2.5	0.7	1.8	17	485	368	445	328
4×6+1×4	0.7	1.8	18	637	460	593	416
4×10+1×6	0.7	1.8	21	882	588	830	535
4×16+1×10	0.7	1.8	24	1208	738	1148	677
4×25+1×16	0.9	1.8	28	1713	976	1643	906
4×35+1×16	0.9	1.9	30	2152	1169	2072	1089
4×50+1×25	1.0	2.1	36	3263	1191	3156	1804
4×70+1×35	1.1	2.2	41	4376	2432	4248	2304
4×95+1×50	1.1	2.3	46	5695	3004	5545	2854
4×120+1×70	1.2	2.5	51	7129	3679	6947	3498
4×150+1×70	1.4	2.6	55	8282	4126	8077	3922
4×185+1×95	1.6	2.8	61	10287	5029	10043	4784
4×240+1×120	1.7	3.1	69	13163	6288	12759	5983
4×300+1×150	1.8	3.3	76	16169	7552	15812	7195

Nominal cross-sectional area of conductor (mm ²)	Nominal thickness of insulation mm	Nominal thickness of sheath mm	Average Approx. overall diameter mm	Approx. weight kg/ km			
				YJV ₃₂	YJLV ₃₂	YJY ₃₃	YJLY ₃₃
2×4	0.7	1.8	15	415	373	379	341
2×6	0.7	1.8	16	484	416	445	337
2×10	0.7	1.8	19	647	519	601	377
2×16	0.7	1.8	23	1123	919	1067	863
2×25	0.9	1.8	26	1462	1129	1399	1066
2×35	0.9	1.8	27	1766	1326	1694	1254
2×50	1.0	1.9	25	1886	1289	1820	1223
2×70	1.1	2.1	28	2418	1557	2340	1479
2×95	1.1	2.2	32	3050	1854	2960	1706
2×120	1.2	2.3	33	3865	2356	3766	2257
2×150	1.4	2.5	36	4617	2755	4497	2635
2×185	1.6	2.6	44	5540	3210	5403	3073
3×4	0.7	1.8	16	476	400	438	289
3×6	0.7	1.8	17	571	457	530	416
3×10	0.7	1.8	20	784	591	736	543
3×16	0.7	1.8	24	1341	1036	1283	978
3×25	0.9	1.8	28	1750	1273	1684	1207
3×35	0.9	1.8	30	2154	1493	2078	1417
3×50	1.0	2.0	30	2527	1631	2447	1551
3×70	1.1	2.1	35	3537	2244	3435	2142
3×95	1.1	2.2	38	4477	2681	4358	2562
3×120	1.2	2.4	42	5388	3123	5254	2989
3×150	1.4	2.5	46	6818	4023	6662	3867
3×185	1.6	2.7	51	8213	4716	8027	4530
3×240	1.7	2.9	56	10252	5659	10030	5437
3×300	1.8	3.0	58	12338	6571	12097	6330
3×400	2.0	3.3	62	16782	88615	16142	8526

Nominal cross-sectional area of conductor (mm ²)	Nominal thickness of insulation mm	Nominal thickness of sheath mm	Average Approx. overall diameter mm	Approx. weight kg/ km			
				YJV ₃₂	YJLV ₃₂	YJY ₃₃	YJLY ₃₃
4×4	0.7	1.8	17	551	494	511	474
4×6	0.7	1.8	18	667	605	623	561
4×10	0.7	1.8	21	1214	1115	1158	1059
4×16	0.7	1.8	25	1556	1417	1503	1354
4×25	0.9	1.8	29	2088	1836	2012	1760
4×35	0.9	1.9	33	2825	2426	2735	2336
4×50	1.0	2.1	35	3365	2742	3263	2640
4×70	1.1	2.2	39	4372	3238	4253	3099
4×95	1.1	2.3	43	5585	3507	5446	3388
4×120	1.2	2.5	47	7134	4173	6966	4005
4×150	1.4	2.7	52	8516	4863	8325	4672
4×185	1.6	2.8	57	10313	5742	10087	5516
4×240	1.7	3.1	63	12924	6921	12655	6652
4×300	1.8	3.3	68	16488	8950	16158	8620
4×400	2.0	3.5	74	20715	11086	20123	10827
5×4	0.7	1.8	18	622	495	579	452
5×6	0.7	1.8	19	763	573	715	525
5×10	0.7	1.8	24	1391	1070	1330	1009
5×16	0.7	1.8	27	1819	1314	1751	1243
5×25	0.9	1.9	31	2444	1650	2362	1568
5×35	0.9	1.9	35	3308	2206	3205	2103
5×50	1.0	2.1	39	4223	2731	4100	2608
5×70	1.1	2.3	44	5931	3777	5777	3623
5×95	1.1	2.5	51	7636	4645	7447	4456
5×120	1.2	2.6	56	9071	5297	8847	5073
5×150	1.4	2.7	61	10909	6253	10655	5999
5×185	1.6	2.9	68	13212	7387	12902	7077
5×240	1.7	3.2	77	17657	10007	17271	9621
5×300	1.8	3.4	84	21236	11629	20789	11229

Nominal cross-sectional area of conductor (mm ²)	Nominal thickness of insulation mm	Nominal thickness of sheath mm	Average Approx. overall diameter mm	Approx. weight kg/ km			
				YJV ₃₂	YJLV ₃₂	YJY ₃₃	YJLY ₃₃
3×4+1×2.5	0.7	1.8	17	529	437	489	397
3×6+1×4	0.7	1.8	18	638	499	595	456
3×10+1×6	0.7	1.8	21	1150	919	1096	865
3×16+1×10	0.7	1.8	25	1497	1128	1436	1067
3×25+1×16	0.9	1.8	29	1993	1415	1919	1341
3×35+1×16	0.9	1.9	31	2350	1587	2271	1508
3×50+1×25	1.0	2.0	33	3136	2082	3042	1988
3×70+1×35	1.1	2.1	37	4048	2534	3932	2418
3×95+1×50	1.1	2.3	42	5139	3045	5004	2910
3×120+1×70	1.2	2.4	46	6692	3996	6528	3832
3×150+1×70	1.4	2.6	50	7770	4544	7586	4360
3×185+1×95	1.6	2.7	55	9460	5364	9249	5153
3×240+1×120	1.7	2.9	61	11744	6396	11495	6147
3×300+1×150	1.8	3.1	65	14352	8327	12452	7736
3×400+1×240	2.0	3.3	71	18940	11235	16681	10318
3×4+2×2.5	0.7	1.8	17	574	467	532	425
3×6+2×4	0.7	1.8	19	705	541	660	496
3×10+2×6	0.7	1.8	21	1249	981	1192	924
3×16+2×10	0.7	1.8	25	1653	1219	1588	1154
3×25+2×16	0.9	1.8	29	2214	1534	2135	1455
3×35+2×16	0.9	1.9	31	2580	1715	2492	1627
3×50+2×25	1.0	2.0	36	3663	2450	3548	2335
3×70+2×35	1.1	2.2	42	4757	3022	4621	2886
3×95+2×50	1.1	2.4	46	6409	4016	6241	3848
3×120+2×70	1.2	2.5	51	7819	4691	7617	4489
3×150+2×70	1.4	2.7	56	8932	5275	8708	5051
3×185+2×95	1.6	2.8	62	10969	6275	10704	6010
3×240+2×120	1.7	3.0	69	13657	7555	13343	7241
3×300+2×150	1.8	3.2	74	16474	8844	16184	8554

Nominal cross-sectional area of conductor (mm ²)	Nominal thickness of insulation mm	Nominal thickness of sheath mm	Average Approx. overall diameter mm	Approx. weight kg/ km			
				YJV ₃₂	YJLV ₃₂	YJY ₃₃	YJLY ₃₃
4×4+1×2.5	0.7	1.8	18	625	508	583	466
4×6+1×4	0.7	1.8	19	760	583	714	537
4×10+1×6	0.7	1.8	24	1336	1042	1277	983
4×16+1×10	0.7	1.8	27	1738	1268	1671	1201
4×25+1×16	0.9	1.9	30	2328	1591	2248	1511
4×35+1×16	0.9	1.9	33	3060	2077	2966	1983
4×50+1×25	1.0	2.1	38	3932	2580	3813	2461
4×70+1×35	1.1	2.3	44	5177	3233	5029	3085
4×95+1×50	1.1	2.5	49	7027	4336	6852	4161
4×120+1×70	1.2	2.6	54	8577	5127	8368	4918
4×150+1×70	1.4	2.7	59	9844	5728	9642	5486
4×185+1×95	1.6	2.9	65	12072	6814	11786	6528
4×240+1×120	1.7	3.2	72	15958	9083	15911	8736
4×300+1×150	1.8	3.4	80	19269	10652	18855	10238

Nominal cross-sectional area of conductor (mm ²)	Nominal thickness of insulation mm	Nominal thickness of sheath mm	Average Approx. overall diameter mm	Approx. weight kg/ km			
				YJV ₄₂	YJLV ₄₂	YJY ₄₃	YJLY ₄₃
2×25	0.9	1.9	32	2711	2394	2628	2311
2×35	0.9	2.0	34	3164	2725	3070	2631
2×50	1.0	2.1	32	3220	2626	3127	2533
2×70	1.1	2.2	35	3888	3030	3787	2923
2×95	1.1	2.3	38	4657	3466	4536	3345
2×120	1.2	2.5	41	5294	3791	5154	3656
2×150	1.4	2.6	44	6137	4283	5980	4126
2×185	1.6	2.7	47	7244	4924	7067	4747
3×25	0.9	2.0	33	3087	2786	2995	2695
3×35	0.9	2.1	36	3627	3310	3529	3214
3×50	1.0	2.2	36	3953	3393	3849	3287
3×70	1.1	2.3	40	4953	4015	4927	3893
3×95	1.1	2.4	43	5978	4703	5842	4562
3×120	1.2	2.5	46	6971	5306	6810	5147
3×150	1.4	2.7	50	8216	6242	8029	6065
3×185	1.6	2.8	54	9691	7312	9481	7101
3×240	1.7	3.0	59	11792	8059	11544	7820
3×300	1.8	3.2	64	14049	9217	13781	8938
4×25	0.9	2.0	35	3578	2946	3481	2848
4×35	0.9	2.1	38	4234	3356	4124	3246
4×50	1.0	2.3	40	4803	3613	4683	3493
4×70	1.1	2.4	43	5908	4192	5764	4048
4×95	1.1	2.5	48	7414	5031	7248	4865
4×120	1.2	2.7	51	8668	5662	8475	5469
4×150	1.4	2.8	55	10172	6464	9956	6248
4×185	1.6	3.0	60	12058	7418	11806	7165
4×240	1.7	3.2	66	14832	8738	14536	8442
4×300	1.8	3.4	72	17755	10103	17413	9761
5×25	0.9	2.1	38	4098	3307	3988	3197
5×35	0.9	2.2	41	4851	3754	4276	3629
5×50	1.0	2.4	44	5793	4308	5651	4166
5×70	1.1	2.5	50	7391	5246	7215	5071
5×95	1.1	2.7	55	9188	6210	8989	6011
5×120	1.2	2.8	59	10845	7088	10612	6855
5×150	1.4	3.0	65	12718	8082	12445	7810
5×185	1.6	3.2	71	15116	9316	14798	8997
5×240	1.7	3.4	78	18773	11156	18398	10781
5×300	1.8	3.6	85	22471	12906	22026	12461

Nominal cross-sectional area of conductor (mm ²)	Nominal thickness of insulation mm	Nominal thickness of sheath mm	Average Approx. overall diameter mm	Approx. weight kg/ km			
				YJV ₄₂	YJLV ₄₂	YJY ₄₃	YJLY ₄₃
3×25+1×16	0.9	1.9	34	3362	2786	3272	2695
3×35+1×16	0.9	2	36	4070	3310	3974	3214
3×50+1×25	1	2.1	38	4442	3393	4336	3287
3×70+1×35	1.1	2.3	42	5522	4015	5399	3893
3×95+1×50	1.1	2.5	46	6787	4703	6646	4562
3×120+1×70	1.2	2.6	49	7989	5306	7830	5147
3×150+1×70	1.4	2.7	53	9453	6242	9275	6065
3×185+1×95	1.6	2.9	58	11388	7312	11177	7017
3×240+1×120	1.7	3.1	63	13381	8059	13142	7820
3×300+1×150	1.8	3.2	68	15883	9217	15604	8938
3×400+1×240		3.4	75	21179	12364	20935	12158
3×25+2×16	0.9	2.1	36	3972	3115	3686	3009
3×35+2×16	0.9	2.2	38	4206	3345	4094	3234
3×50+2×25	1	2.3	42	5108	3972	5051	3844
3×70+2×35	1.1	2.4	47	6440	4712	6283	4558
3×95+2×50	1.1	2.6	51	7857	5476	7679	5298
3×120+2×70	1.2	2.7	56	9212	6100	9000	5888
3×150+2×70	1.4	2.8	59	10589	6949	10355	6716
3×185+2×95	1.6	3	65	12751	8080	12477	7806
3×240+2×120	1.7	3.2	72	15524	9451	15202	9129
3×300+2×150	1.8	3.4	78	18594	11001	18221	10628
4×25+1×16	0.9	2.1	37	3893	3159	3785	3051
4×35+1×16	0.9	2.2	39	4536	3557	4415	3436
4×50+1×25	1	2.3	43	5446	4100	5308	3961
4×70+1×35	1.1	2.5	48	6899	4964	6737	4802
4×95+1×50	1.1	2.6	53	8471	5791	8278	5599
4×120+1×70	1.2	2.8	58	10204	6770	9986	6552
4×150+1×70	1.4	2.9	62	11634	7497	11382	7245
4×185+1×95	1.6	3.1	68	13948	8712	13652	8416
4×240+1×120	1.7	3.3	75	17152	10307	16805	9959
4×300+1×150	1.8	3.5	81	20439	11860	20037	11458

6/10kV(6/6KV)XLPE insulation copper tape screen power cable

Nominal cross-sectional area of conductor (mm ²)	Nominal thickness of insulation mm	Nominal thickness of sheath mm	Average Approx. overall diameter mm	Approx. weight kg/ km			
				YJV	YJLV	YJY	YJLY
1×25	3.4	1.6	21	641	486	596	441
1×35	3.4	1.6	22	757	542	710	495
1×50	3.4	1.7	23	909	618	856	565
1×70	3.4	1.7	25	1149	729	1091	671
1×95	3.4	1.8	27	1413	860	1377	794
1×120	3.4	1.8	28	1705	968	1636	899
1×150	3.4	1.9	30	2008	1099	1931	1022
1×185	3.4	1.9	32	238B	1251	2036	1169
1×240	3.4	2	34	2989	1496	2895	1402
1×300	3.4	2	37	3622	1749	3516	1642
1×400	3.4	2.2	40	4475	2078	4355	1958
1×500	3.4	2.3	43	5594	2514	4914	2429
1×630	3.4	2.4	47	7032	3049	6875	2892
3×25	3.4	2.3	42	1947	1472	1813	1388
3×35	3.4	2.3	44	2301	1643	2160	1502
3×50	3.4	2.5	47	2779	1888	2616	1725
3×70	3.4	2.6	51	3546	2260	3361	2075
3×95	3.4	2.7	55	4444	2657	4238	2451
3×120	3.4	2.8	58	5281	3028	5055	2802
3×150	3.4	2.9	61	6206	3426	5957	3177
3×185	3.4	3	65	7414	3933	7138	3660
3×240	3.4	3.2	70	9290	4722	8973	4404
3×300	3.4	3.3	75	11233	5497	10883	5147
3×400	3.4	3.5	81	15418	70126	13517	6582

Nominal cross-sectional area of conductor (mm ²)	Nominal thickness of insulation mm	Nominal thickness of sheath mm	Average Approx. overall diameter mm	Approx. weight kg/ km			
				YJV ₂₂	YJLV ₂₂	YJY ₂₃	YJLY ₂₃
1×25	3.4	1.8	22	1010	855	965	810
1×35	3.4	1.8	23	1159	944	1112	897
1×50	3.4	1.9	24	1326	1035	1276	982
1×70	3.4	1.9	26	1604	1184	1546	1126
1×95	3.4	2	28	1915	1362	1879	1296
1×120	3.4	2	29	2235	1498	2166	1429
1×150	3.4	2.1	31	2768	1659	2491	1582
1×185	3.4	2.1	34	3012	1837	2660	1793
1×240	3.4	2.2	36	3677	2241	3583	2158
1×300	3.4	2.3	39	4422	2584	4316	2442
1×400	3.4	2.3	42	5395	2998	5275	2876
1×500	3.4	2.4	45	6614	3534	5934	3411
1×630	3.4	2.5	49	8152	4169	7995	4012
3×25	3.4	2.5	47	3054	2579	2823	2348
3×35	3.4	2.6	49	3508	2850	3252	2594
3×50	3.4	2.7	52	4032	3141	3754	2864
3×70	3.4	2.8	56	4930	3644	4613	3327
3×95	3.4	2.9	60	5951	4164	5595	3808
3×120	3.4	3.1	63	6871	4618	6487	4234
3×150	3.4	3.2	67	7801	5021	7357	4587
3×185	3.4	3.4	71	9286	5808	8807	5329
3×240	3.4	3.5	77	11355	6787	10803	6235
3×300	3.4	3.8	83	14368	8632	13762	8026
3×400	3.4	4.2	91	19127	11382	17386	10818

Nominal cross-sectional area of conductor (mm ²)	Nominal thickness of insulation mm	Nominal thickness of sheath mm	Average Approx. overall diameter mm	Approx. weight kg/ km			
				YJV ₃₂	YJLV ₃₂	YJY ₃₃	YJLY ₃₃
1×25	3.4	1.8	27	1456	1301	1357	1202
1×35	3.4	1.8	28	1610	1395	1507	1292
1×50	3.4	1.9	29	1804	1513	1692	1401
1×70	3.4	1.9	31	2105	1685	1984	1564
1×95	3.4	2	34	2697	2113	2562	1978
1×120	3.4	2.1	35	3034	2297	2887	2150
1×150	3.4	2.1	37	3384	2475	3230	2321
1×185	3.4	2.2	39	3842	2705	3675	2528
1×240	3.4	2.2	41	4564	3035	4366	2873
1×300	3.4	2.3	43	5272	3397	5075	3200
1×400	3.4	2.5	48	6731	4334	6496	4099
1×500	3.4	2.6	51	8037	4957	7776	4696
1×630	3.4	2.7	55	9686	5703	9388	5405
3×25	3.4	2.5	50	4322	3847	4073	3598
3×35	3.4	2.6	52	4813	4155	4538	3880
3×50	3.4	2.7	55	5412	4521	5115	4224
3×70	3.4	2.8	59	6433	5147	6095	4809
3×95	3.4	3	63	7573	5786	7187	5400
3×120	3.4	3.1	67	8599	6346	8182	5929
3×150	3.4	3.2	70	9741	7337	9283	6503
3×185	3.4	3.4	76	12078	8600	11556	8078
3×240	3.4	3.5	81	14330	9762	13745	9177
3×300	3.4	3.7	86	16679	10943	16031	10295
3×400	3.4	—	—	19871	12536	19122	11787

Nominal cross-sectional area of conductor (mm ²)	Nominal thickness of insulation mm	Nominal thickness of sheath mm	Average Approx. overall diameter mm	Approx. weight kg/ km			
				YJV ₄₂	YJLV ₄₂	YJY ₄₃	YJLY ₄₃
1×25	3.4	2	34	2894	2739	2744	2589
1×35	3.4	2.1	35	3036	2821	2875	2660
1×50	3.4	2.1	36	3292	3001	3124	2833
1×70	3.4	2.2	38	3772	3352	3588	3168
1×95	3.4	2.2	40	4174	3590	3980	3396
1×120	3.4	2.3	41	4571	3835	4362	3626
1×150	3.4	2.3	43	4978	4070	4760	3852
1×185	3.4	2.4	45	5498	4361	5263	4126
1×240	3.4	2.4	47	6314	4821	6053	4560
1×300	3.4	2.5	48	7240	5365	6908	5033
1×400	3.4	2.6	51	8272	5875	7974	5577
1×500	3.4	2.7	55	9637	6557	9308	6228
1×630	3.4	2.8	59	11425	7442	11062	7079
3×25	3.4	2.7	55	5980	5505	5657	5182
3×35	3.4	2.8	57	6483	5825	6138	5480
3×50	3.4	2.9	60	7177	6286	6806	5915
3×70	3.4	3	64	8297	7011	7888	6602
3×95	3.4	3.1	67	9441	7654	8997	7210
3×120	3.4	3.2	71	10622	8369	10145	7892
3×150	3.4	3.3	74	11789	9009	11277	8497
3×185	3.4	3.4	78	13344	9866	12793	9315
3×240	3.4	3.6	83	15697	11129	15080	10512
3×300	3.4	3.8	88	18041	12305	17359	11623
3×400	3.4	4	95	21333	13998	20561	13226

8.7/15 kV(8.7/10kV)XLPE insulation copper tape screen power cable

Nominal cross-sectional area of conductor (mm ²)	Nominal thickness of insulation mm	Nominal thickness of sheath mm	Average Approx. overall diameter mm	Approx. weight kg/ km			
				YJV	YJLV	YJY	YJLY
1×25	4.5	1.7	23	729	574	672	517
1×35	4.5	1.7	24	848	633	787	572
1×50	4.5	1.8	25	1008	717	940	649
1×70	4.5	1.8	27	1252	832	1180	759
1×95	4.5	1.9	29	1554	970	1473	889
1×120	4.5	1.9	30	1820	1084	1734	998
1×150	4.5	2	32	2129	1221	2034	1126
1×185	4.5	2	36	2514	1378	2414	1277
1×240	4.5	2.1	36	3124	1631	3010	1517
1×300	4.5	2.2	39	3770	1896	3643	1768
1×400	4.5	2.3	42	4634	2237	4491	2094
1×500	4.5	2.4	45	5736	2657	5574	2494
1×630	4.5	2.4	49	7187	3204	7002	3019
3×25	4.5	2.4	47	2367	1893	2211	1736
3×35	4.5	2.5	49	2791	2133	2620	1962
3×50	4.5	2.6	52	3307	2417	3120	2229
3×70	4.5	2.7	56	4136	2850	3926	2640
3×95	4.5	2.8	59	5072	3285	4839	3053
3×120	4.5	2.9	62	5941	3687	5686	3433
3×150	4.5	3.1	66	6936	4156	6649	3869
3×185	4.5	3.2	70	8233	4755	7920	4441
3×240	4.5	3.3	75	10124	5556	9774	5206
3×300	4.5	3.5	80	12256	6521	11861	6125
3×400	4.5	3.7	87	15030	7695	14578	7243

Nominal cross-sectional area of conductor (mm ²)	Nominal thickness of insulation mm	Nominal thickness of sheath mm	Average Approx. overall diameter mm	Approx. weight kg/ km			
				YJV ₂₂	YJLV ₂₂	YJY ₂₃	YJLY ₂₃
1×25	4.5	1.8	25	991	839	937	782
1×35	4.5	1.8	26	1181	1066	1120	1005
1×50	4.5	1.9	27	1477	1186	1409	1118
1×70	4.5	1.9	29	1774	1354	1702	1281
1×95	4.5	2	31	2106	1522	2025	1441
1×120	4.5	2	32	2410	1675	2325	1589
1×150	4.5	2.1	34	2770	1862	2675	1767
1×185	4.5	2.1	38	3188	2052	3088	1951
1×240	4.5	2.2	39	3874	2381	3760	2267
1×300	4.5	2.3	41	4630	2756	4503	2628
1×400	4.5	2.4	43	5654	3257	5511	3114
1×500	4.5	2.5	47	6856	3777	6694	3614
1×630	4.5	2.6	51	8407	4424	8022	4329
3×25	4.5	2.5	52	3164	3139	3343	2868
3×35	4.5	2.6	54	4091	3433	3800	3142
3×50	4.5	2.7	58	4715	3824	4391	3501
3×70	4.5	2.9	62	5703	4417	5329	4043
3×95	4.5	3	66	6728	4941	6323	4536
3×120	4.5	3.1	69	7716	5463	7270	5017
3×150	4.5	3.2	72	8859	6079	8370	5590
3×185	4.5	3.3	76	10257	6779	9731	6253
3×240	4.5	3.5	82	12371	7803	11769	7201
3×300	4.5	3.7	88	15622	9880	14885	9149
3×400	4.5	4	95	18724	11389	17935	10600

Nominal cross-sectional area of conductor (mm ²)	Nominal thickness of insulation mm	Nominal thickness of sheath mm	Average Approx. overall diameter mm	Approx. weight kg/ km			
				YJV ₃₂	YJLV ₃₂	YJY ₃₃	YJLY ₃₃
1×25	4.5	1.8	29	1612	1456	1499	1344
1×35	4.5	1.8	30	1768	1553	1651	1436
1×50	4.5	1.9	31	1969	1678	1842	1551
1×70	4.5	1.9	33	2110	1689	1972	1735
1×95	4.5	2	36	2882	2298	2732	2148
1×120	4.5	2.1	37	3207	2470	3050	2313
1×150	4.5	2.1	39	3577	2668	3407	2499
1×185	4.5	2.2	40	4048	2911	3869	2733
1×240	4.5	2.2	43	4749	3256	4552	3059
1×300	4.5	2.3	47	5933	4059	5709	3834
1×400	4.5	2.5	50	6935	4538	6688	4291
1×500	4.5	2.6	53	8240	5160	7959	4880
1×630	4.5	2.7	57	9962	5980	9635	5653
3×25	4.5	2.6	54	4966	4492	4674	4199
3×35	4.5	2.7	56	5488	4830	5175	4517
3×50	4.5	2.9	59	6170	5279	5825	4934
3×70	4.5	3	63	7378	6095	7006	5720
3×95	4.5	3.1	67	8386	6599	7964	6178
3×120	4.5	3.2	70	9473	7220	9010	6757
3×150	4.5	3.4	75	11565	8785	11042	8262
3×185	4.5	3.5	79	13090	9612	12527	9049
3×240	4.5	3.6	85	15421	10853	15224	10656
3×300	4.5	3.8	90	17964	12228	17191	11455
3×400	4.5	4.1	97	21228	13849	20418	13083

Nominal cross-sectional area of conductor (mm ²)	Nominal thickness of insulation mm	Nominal thickness of sheath mm	Average Approx. overall diameter mm	Approx. weight kg/ km			
				YJV ₄₂	YJLV ₄₂	YJY ₄₃	YJLY ₄₃
1×25	4.5	2.1	36	3099	2893	2944	2777
1×35	4.5	2.1	37	3330	3115	3156	2941
1×50	4.5	2.1	38	3608	3316	3422	3130
1×70	4.5	2.2	40	3972	3552	3775	3354
1×95	4.5	2.3	42	4397	3813	4183	3600
1×120	4.5	2.3	43	4779	4042	4557	3820
1×150	4.5	2.4	45	5208	4300	4971	4062
1×185	4.5	2.4	46	5814	4678	5566	4429
1×240	4.5	2.5	49	6656	5163	6385	4892
1×300	4.5	2.6	51	7430	5556	7137	5262
1×400	4.5	2.7	54	8529	6132	8029	5812
1×500	4.5	2.8	58	9975	6895	9632	6543
1×630	4.5	2.9	62	11772	7789	11385	7402
3×25	4.5	2.8	59	6632	6157	6278	5804
3×35	4.5	2.9	61	7287	6629	6909	6251
3×50	4.5	3	63	7936	7045	7532	6641
3×70	4.5	3.1	67	9118	7832	8675	7389
3×95	4.5	3.2	71	10432	8645	9942	8156
3×120	4.5	3.3	74	11545	9262	11020	8767
3×150	4.5	3.4	77	12855	10075	12295	9515
3×185	4.5	3.5	81	14400	10922	13798	10320
3×240	4.5	3.7	84	16797	12229	16127	11559
3×300	4.5	3.9	87	19370	13634	18588	12852
3×400	4.5	4.1	98	22708	15373	21872	14537

12/20kV XLPE insulation copper tape screen pover cable

Nominal cross-sectional area of conductor (mm ²)	Nominal thickness of insulation mm	Nominal thickness of sheath mm	Average Approx. overall diameter mm	Approx. weight kg/ km	
				YJV	YJLY
1×35	5.5	2	27	979	762
1×50	5.5	2	29	1155	846
1×70	5.5	2	30	1393	959
1×95	5.5	2	32	1681	1093
1×120	5.5	2	34	1979	1236
1×150	5.5	2	35	2301	1373
1×185	5.5	2	38	2718	1573
1×240	5.5	2.5	40	3302	1817
1×300	5.5	2.5	43	3941	2084
1×400	5.5	2.5	45	4931	2455
1×500	5.5	2.5	48	5956	2861
1×630	5.5	2.6	49	7769	3863
3×35	5.5	3	57	3348	2696
3×50	5.5	3	60	3904	2973
3×70	5.5	3	63	4623	3321
3×95	5.5	3.5	67	5593	3825
3×120	5.5	3.5	71	6495	4262
3×150	5.5	3.5	74	7637	4846
3×185	5.5	3.5	78	8803	5361
3×240	5.5	3.5	84	10729	6263
3×300	5.5	4	89	12723	7141
3×400	5.5	4.1	96	16207	8647

Nominal cross-sectional area of conductor (mm ²)	Nominal thickness of insulation mm	Nominal thickness of sheath mm	Average Approx. overall diameter mm	Approx. weight kg/ km	
				YJV ₂₂	YJLY ₂₂
3×35	5.5	3.2	63	4840	4189
3×50	5.5	3.2	66	5463	4532
3×70	5.5	3.3	69	6346	5044
3×95	5.5	3.6	74	7457	5689
3×120	5.5	3.6	77	8459	6227
3×150	5.5	3.8	82	10555	7764
3×185	5.5	4	86	11925	8483
3×240	5.5	4	92	13959	9494
3×300	5.5	4.2	97	16314	10731
3×400	5.5	4.3	103	19032	11458

18/30kV XLPE insulation copper tape screen power cable

Nominal cross-sectional area of conductor (mm ²)	Nominal thickness of insulation mm	Nominal thickness of sheath mm	Average Approx. overall diameter mm	Approx. weight kg/ km	
				YJV	YJLY
1×50	8.0	1.9	32	1303	993
1×70	8.0	2.0	34	1560	1126
1×95	8.0	2.1	35.4	1863	1274
1×120	8.0	2.1	36.8	2143	1399
1×150	8.0	2.1	38.4	2476	1546
1×185	8.0	2.2	40.2	2872	1725
1×240	8.0	2.3	42.6	3470	1982
1×300	8.0	2.3	44.8	3997	2137
1×400	8.0	2.5	48.4	5185	2705
1×500	8.0	2.5	51.2	6206	3106
1×630	8.0	2.7	55.0	7525	3619
3×50	8.0	3.0	66.5	4002	3072
3×70	8.0	3.1	70.2	4767	3645
3×95	8.0	3.3	74.0	5702	3935
3×120	8.0	3.4	77.2	6484	4353
3×150	8.0	3.5	80.9	7626	4836
3×185	8.0	3.6	84.5	8804	5363
3×240	8.0	3.8	89.7	10642	6177
3×300	8.0	3.9	94.6	12277	6697
3×400	8.0	4.1	101.9	15217	10010

Nominal cross-sectional area of conductor (mm ²)	Nominal thickness of insulation mm	Nominal thickness of sheath mm	Average Approx. overall diameter mm	Approx. weight kg/ km	
				YJV	YJLY
3×50	8.0	3.2	72.5	6247	5317
3×70	8.0	3.3	76.2	7133	5790
3×95	8.0	3.4	79.8	8152	6385
3×120	8.0	3.5	83.0	9133	6901
3×150	8.0	3.6	87.9	11752	8961
3×185	8.0	3.7	91.5	12692	9251
3×240	8.0	3.9	96.7	14925	10460
3×300	8.0	4.1	102.2	16939	11358
3×400	8.0	4.1	110.0	21028	13587

26/35kV XLPE insulation copper tape screen power cable

Nominal cross-sectional area of conductor (mm ²)	Nominal thickness of insulation mm	Nominal thickness of sheath mm	Average Approx. overall diameter mm	Approx. weight kg/ km	
				YJV ₂₂	YJLY ₂₂
1×50	10.5	2.2	39	1758	1449
1×70	10.5	2.4	41	2038	1604
1×95	10.5	2.4	43	2355	1767
1×120	10.5	2.4	44	2666	1923
1×150	10.5	2.5	46	3031	2103
1×185	10.5	2.5	48	3427	2282
1×240	10.5	2.6	50	4070	2584
1×300	10.5	2.7	53	4748	2891
1×400	10.5	2.8	56	5801	3325
1×500	10.5	2.9	59	6623	4076
1×630	10.5	3	63	8211	4305
3×50	10.5	3.4	81	6728	5778
3×70	10.5	3.5	84	7581	6232
3×95	10.5	3.6	88	8630	6824
3×120	10.5	3.8	93	9688	7406
3×150	10.5	3.9	96	11017	8165
3×185	10.5	4	100	12390	8904
3×240	10.5	4.1	105	14427	9863
3×300	10.5	4.4	108	15940	10270
3×400	10.5	4.5	116	19346	11786

Nominal cross-sectional area of conductor (mm ²)	Nominal thickness of insulation mm	Nominal thickness of sheath mm	Average Approx. overall diameter mm	Approx. weight kg/ km	
				YJV ₂₂	YJLY ₂₂
3×50	10.5	3.7	87	9975	9025
3×70	10.5	3.8	90	10927	9597
3×95	10.5	3.9	95	12190	10384
3×120	10.5	4	99	13451	11169
3×150	10.5	4.1	100	14907	12055
3×185	10.5	4.2	106	16501	12947
3×240	10.5	4.4	112	18826	13444
3×300	10.5	4.5	115	19114	14264
3×400	10.5	4.5	123	22818	15258

6/10kV(6/6kV)XLPE insulation copper wire screen power cable

Nominal cross-sectional area of conductor (mm ²)	Nominal thickness of insulation mm	Nominal thickness of sheath mm	Average Approx. overall diameter mm	Approx. weight kg/ km			
				YJSV	YJLSV	YJSY	YJLSY
1×25	3.4	1.7	23	1261	1106	1200	1045
1×35	3.4	1.8	24	1371	1159	1307	1095
1×50	3.4	1.8	25	1513	1226	1445	1158
1×70	3.4	1.8	27	1740	1327	1669	1255
1×95	3.4	1.8	28	2020	1444	1943	1367
1×120	3.4	1.8	30	2275	1550	2194	1469
1×150	3.4	1.9	32	2753	1667	2483	1587
1×185	3.4	1.9	34	2945	1825	2850	1730
1×240	3.4	2	36	3536	2062	3428	1955
1×300	3.4	2.1	38	4156	2304	4035	2184
1×400	3.4	2.2	42	5018	2635	4880	2514
1×500	3.4	2.3	45	6094	3061	5940	2905
1×630	3.4	2.4	49	7505	3574	7328	3397
1×800	3.4	2.5	53	9119	4186	8926	3992
3×25	3.4	2.2	45	2956	2317	2808	2170
3×35	3.4	2.3	47	3049	2456	2932	2293
3×50	3.4	2.4	50	3577	2714	3397	2534
3×70	3.4	2.5	54	4348	3103	4147	2901
3×95	3.4	2.7	58	5310	3578	5706	3344

Nominal cross-sectional area of conductor (mm ²)	Nominal thickness of insulation mm	Nominal thickness of sheath mm	Average Approx. overall diameter mm	Approx. weight kg/ km			
				YJSV	YJLSV	YJSY	YJLSY
3×120	3.4	2.8	61	6166	3985	5909	3709
3×150	3.4	2.9	64	7112	4415	6832	4135
3×185	3.4	3	68	8348	4979	8041	4671
3×240	3.4	3.2	74	10275	5842	9920	5487
3×300	3.4	3.3	79	12248	6677	11856	6286
3×400	3.4	3.5	86	15085	7966	14627	7508
3×500	3.4	3.7	93	18567	9432	18043	8903
3×630	3.4	4	101	23134	11305	22518	10690
3×800	3.4	4.5	110	28358	13538	27682	12862

Nominal cross-sectional area of conductor (mm ²)	Nominal thickness of insulation mm	Nominal thickness of sheath mm	Average Approx. overall diameter mm	Approx. weight kg/ km			
				YJSV ₆₂	YJLSV ₆₂	YJSY ₆₃	YJLSY ₆₃
1×25	3.4	1.8	25	1486	1335	1429	1278
1×35	3.4	1.8	26	1609	1399	1549	1339
1×50	3.4	1.8	27	1761	1478	1699	1415
1×70	3.4	1.8	29	2004	1594	1938	1528
1×95	3.4	1.9	31	2311	1742	2237	1667
1×120	3.4	1.9	32	2580	1862	2501	1784
1×150	3.4	2	34	2888	2000	2802	1915
1×185	3.4	2	35	3275	2166	3184	2075
1×240	3.4	2.1	39	4240	2782	4135	2676
1×300	3.4	2.2	42	4897	3065	4780	2984
1×400	3.4	2.3	45	5816	3471	5683	3339
1×500	3.4	2.4	48	6947	3938	6799	3790
1×630	3.4	2.5	52	8346	4542	8269	4374
1×800	3.4	2.6	56	10289	5239	10101	5051

Nominal cross-sectional area of conductor (mm ²)	Nominal thickness of insulation mm	Nominal thickness of sheath mm	Average Approx. overall diameter mm	Approx. weight kg/ km			
				YJSV ₃₂	YJLSV ₃₂	YJSY ₃₃	YJLSY ₃₃
3×25	3.4	2.6	54	5335	4870	5123	4658
3×35	3.4	2.6	57	5719	5080	5497	4859
3×50	3.4	2.7	59	6345	5483	6104	5242
3×70	3.4	2.8	63	7339	6094	7073	5827
3×95	3.4	2.9	67	8503	6770	8208	6476
3×120	3.4	3.1	71	9580	7400	9250	7069
3×150	3.4	3.2	74	10735	8056	10395	7698
3×185	3.4	3.3	79	13052	9682	12656	9287
3×240	3.4	3.5	85	15395	10962	14945	10512
3×300	3.4	3.7	90	17759	12188	17253	11682
3×400	3.4	3.9	98	21163	14044	20581	12462
3×500	3.4	4.1	107	25169	16036	24511	15376
3×630	3.4	4.4	114	30347	18518	29584	17756
3×800	3.4	4.9	124	36149	21185	35223	20258

Nominal cross-sectional area of conductor (mm ²)	Nominal thickness of insulation mm	Nominal thickness of sheath mm	Average Approx. overall diameter mm	Approx. weight kg/ km			
				YJSV ₂₂	YJLSV ₂₂	YJSY ₂₃	YJLSY ₂₃
3×25	3.4	2.4	48	3577	3122	3430	2975
3×35	3.4	2.5	50	4009	3378	3848	3217
3×50	3.4	2.6	53	4564	3710	4387	3533
3×70	3.4	2.7	57	5418	4184	5220	3986
3×95	3.4	2.8	61	6416	4702	6197	4483
3×120	3.4	2.9	64	7384	5188	7109	4949
3×150	3.4	3	67	8352	5681	8092	5421
3×185	3.4	3.1	71	9678	6338	9390	6053
3×240	3.4	3.3	77	11710	7329	11390	7001
3×300	3.4	3.5	82	13846	8331	13473	7959
3×400	3.4	3.7	90	17557	10503	17126	10071
3×500	3.4	4.1	97	21738	12378	21221	11861
3×630	3.4	4.4	105	26187	14394	25587	13794
3×800	3.4	4.7	115	32138	17091	31434	16387

Nominal cross-sectional area of conductor (mm ²)	Nominal thickness of insulation mm	Nominal thickness of sheath mm	Average Approx. overall diameter mm	Approx. weight kg/ km			
				YJSV ₇₂	YJLSV ₇₂	YJSY ₇₃	YJLSY ₇₃
1×25	3.4	1.8	30	1703	1548	1621	1567
1×35	3.4	1.8	31	1819	1607	1735	1523
1×50	3.4	1.9	33	1995	1708	1902	1615
1×70	3.4	1.9	34	2251	1837	2145	1740
1×95	3.4	2	37	2659	2084	2549	1937
1×120	3.4	2.1	39	2960	2235	2839	2114
1×150	3.4	2.1	40	3272	2367	3146	2250
1×185	3.4	2.2	42	3693	2573	3555	2435
1×240	3.4	2.2	44	4231	2848	4175	2702
1×300	3.4	2.3	47	4987	3137	4827	2967
1×400	3.4	2.5	51	6089	3723	5897	3539
1×500	3.4	2.6	54	7252	4217	7040	4004
1×630	3.4	2.7	58	8773	4842	8536	4605
1×800	3.4	2.9	63	8949	5018	8649	4762

8.7/15 kV(8.7/10kV)XLPE insulation copper wire screen power cable

Nominal cross-sectional area of conductor (mm ²)	Nominal thickness of insulation mm	Steel tape thick mm	Nominal thickness of sheath mm	Approx. weight kg/ km			
				YJSV	YJLSV	YJSY	YJLSY
1×25	4.5	1.8	25	1291	1090	1224	1073
1×35	4.5	1.8	26	1406	1142	1334	1125
1×50	4.5	1.8	27	1549	1206	1471	1187
1×70	4.5	1.8	29	1779	1304	1694	1287
1×95	4.5	1.8	30	2060	1418	1966	1400
1×120	4.5	1.9	32	2329	1534	2227	1510
1×150	4.5	1.9	33	2614	1654	2505	1618
1×185	4.5	2	35	2999	1801	2882	1800
1×240	4.5	2.1	38	3592	2034	3416	2050
1×300	4.5	2.1	40	4199	2355	4057	2224
1×400	4.5	2.2	43	5036	2666	4880	2535
1×500	4.5	2.3	46	6110	3111	5936	2933
1×630	4.5	2.4	50	7509	3599	7355	3433
1×800	4.5	2.6	57	9309	4223	9111	4123

Nominal cross-sectional area of conductor (mm ²)	Nominal thickness of insulation mm	Nominal thickness of sheath mm	Average Approx. overall diameter mm	Approx. weight kg/ km			
				YJSV	YJLSV	YJSY	YJLSY
3×25	4.5	2.2	45	3040	2587	2850	2395
3×35	4.5	2.3	47	3440	2808	3232	2600
3×50	4.5	2.4	50	3939	3085	3712	2858
3×70	4.5	2.5	54	4725	3492	4474	3204
3×95	4.5	2.7	58	5674	3959	5369	3682
3×120	4.5	2.8	61	6540	4380	6283	4076
3×150	4.5	2.9	64	7495	4824	7168	4498
3×185	4.5	3.0	68	8777	5440	8409	5072
3×240	4.5	3.2	74	10683	6294	10276	5887
3×300	4.5	3.3	79	12703	7189	12242	6729
3×400	4.5	3.5	86	15569	8414	14946	7892
3×500	4.5	3.7	93	19565	10205	18932	9564
3×630	4.5	4.0	101	23767	11974	23042	11249
3×800	4.5	4.5	110	29386	14509	28521	13644

Nominal cross-sectional area of conductor (mm ²)	Nominal thickness of insulation mm	Nominal thickness of sheath mm	Average Approx. overall diameter mm	Approx. weight kg/ km			
				YJSV ₆₂	YJLSV ₆₂	YJSY ₆₃	YJLSY ₆₃
1×25	4.5	1.8	28	1531	1380	1468	1316
1×35	4.5	1.8	29	1635	1443	1587	1377
1×50	4.5	1.8	30	1805	1521	1736	1452
1×70	4.5	1.9	32	2060	1605	1983	1573
1×95	4.5	1.9	33	2354	1784	2283	1703
1×120	4.5	2.0	35	2635	1916	2545	1827
1×150	4.5	2.0	36	2930	2042	2837	1949
1×185	4.5	2.1	38	3688	2579	3582	2473
1×240	4.5	2.2	42	4322	2863	4204	2754
1×300	4.5	2.3	44	4982	3149	4851	3018
1×400	4.5	2.4	48	5900	3555	5753	3409
1×500	4.5	2.5	51	7055	4047	6891	3883
1×630	4.5	2.6	54	8522	4682	8339	4445
1×800	4.5	2.7	60	10405	5355	10300	5201

Nominal cross-sectional area of conductor (mm ²)	Nominal thickness of insulation mm	Nominal thickness of sheath mm	Average Approx. overall diameter mm	Approx. weight kg/ km			
				YJSV ₃₂	YJLSV ₃₂	YJSY ₃₃	YJLSY ₃₃
3×25	4.5	2.6	54	5650	5196	5453	4998
3×35	4.5	2.7	57	6171	5540	5957	5326
3×50	4.5	2.8	59	6839	5999	6606	5752
3×70	4.5	2.9	63	7825	6696	7570	6336
3×95	4.5	3.1	67	8997	7288	8708	6993
3×120	4.5	3.2	71	10059	7988	9747	7587
3×150	4.5	3.3	74	12074	9376	11705	9034
3×185	4.5	3.5	79	13611	10275	13230	9893
3×240	4.5	3.6	85	15898	11670	15480	11092
3×300	4.5	3.8	90	18227	13410	17805	12297
3×400	4.5	4.0	98	21493	14997	21005	13912
3×500	4.5	4.5	107	26038	16678	25100	16054
3×630	4.5	4.8	114	31112	19004	30416	18364
3×800	4.5	5.0	124	37054	22540	36723	22156

Nominal cross-sectional area of conductor (mm ²)	Nominal thickness of insulation mm	Nominal thickness of sheath mm	Average Approx. overall diameter mm	Approx. weight kg/ km			
				YJSV ₂₂	YJLSV ₂₂	YJSY ₂₃	YJLSY ₂₃
3×25	4.5	2.5	53	3975	3520	3772	3317
3×35	4.5	2.6	56	4423	3792	4203	3538
3×50	4.5	2.7	59	5000	4149	4761	3907
3×70	4.5	2.8	62	5875	4641	5608	4375
3×95	4.5	3.0	66	6932	5214	6627	4912
3×120	4.5	3.1	70	7893	5733	7563	5403
3×150	4.5	3.2	72	8911	6242	8556	5885
3×185	4.5	3.3	77	10277	6935	9883	6546
3×240	4.5	3.5	82	12433	7974	11920	7532
3×300	4.5	3.7	89	15368	9864	14863	9345
3×400	4.5	3.9	95	18366	11312	17795	10770
3×500	4.5	4.3	103	22678	13892	21969	12609
3×630	4.5	4.5	111	27106	15343	26340	14574
3×800	4.5	5.0	122	33444	18330	32467	17290

Nominal cross-sectional area of conductor (mm ²)	Nominal thickness of insulation mm	Nominal thickness of sheath mm	Average Approx. overall diameter mm	Approx. weight kg/ km			
				YJSV ₇₂	YJLSV ₇₂	YJSY ₇₃	YJLSY ₇₃
1×25	4.5	2	33	1946	1791	1847	1692
1×35	4.5	2	34	2067	1854	1946	1752
1×50	4.5	2.1	35	2246	1959	2135	1848
1×70	4.5	2.1	37	2518	2104	2401	1987
1×95	4.5	2.2	38	2854	2275	2722	2146
1×120	4.5	2.2	40	3140	2415	3006	2281
1×150	4.5	2.3	41	3476	2580	3331	3434
1×185	4.5	2.4	45	3885	2756	3733	2613
1×240	4.5	2.5	47	4708	3325	4536	3063
1×300	4.5	2.6	49	5401	3549	5212	3361
1×400	4.5	2.7	53	6348	3982	6140	3774
1×500	4.5	2.8	56	7555	4489	7295	4259
1×630	4.5	2.9	60	9061	5130	8806	4874
1×800	4.5	3	65	10791	5874	10496	5579

12/20 KV XLPE insulation copper wire screen power cable

Nominal cross-sectional area of conductor (mm ²)	Nominal thickness of insulation mm	Nominal thickness of sheath mm	Average Approx. overall diameter mm	Approx. weight kg/ km			
				YJSV	YJLSV	YJSY	YJLSY
1×25	5.5	1.8	28	1441	1287	1368	1213
1×35	5.5	1.8	29	1559	1347	1483	1270
1×50	5.5	1.8	30	1710	1423	1630	1343
1×70	5.5	1.9	32	1964	1550	1874	1461
1×95	5.5	1.9	33	2257	1681	2162	1585
1×120	5.5	2	35	2539	1814	2435	1710
1×150	5.5	2	36	2834	1937	2725	1829
1×185	5.5	2.1	38	3236	2116	3117	1997
1×240	5.5	2.2	41	3849	2376	3705	2242
1×300	5.5	2.2	43	4470	2619	4328	2447
1×400	5.5	2.4	46	5362	2996	5196	2830
1×500	5.5	2.4	49	6445	3409	6267	3232
1×630	5.5	2.6	53	7907	3976	7699	3768
1×800	5.5	2.8	59	9655	4693	9367	4498

Nominal cross-sectional area of conductor (mm ²)	Nominal thickness of insulation mm	Nominal thickness of sheath mm	Average Approx. overall diameter mm	Approx. weight kg/ km			
				YJSV	YJLSV	YJSY	YJLSY
3×25	5.5	2.7	55	3762	3124	3539	2901
3×35	5.5	2.7	57	3908	3269	3676	3037
3×50	5.5	2.8	60	4440	3587	4188	3325
3×70	5.5	2.9	64	5272	4026	4994	3784
3×95	5.5	3.1	68	6270	4573	5964	4232
3×120	5.5	3.1	71	7175	4997	6844	4663
3×150	5.5	3.2	74	8171	5474	7814	5117
3×185	5.5	3.3	77	9466	6098	9079	5710
3×240	5.5	3.5	83	11482	7049	11040	6607
3×300	5.5	3.6	88	13531	7960	13079	7479
3×400	5.5	3.9	95	16423	9304	15862	8743
3×500	5.5	4.1	102	20014	10880	19380	10245
3×630	5.5	4.3	110	24656	12828	23999	12110
3×800	5.5	4.6	120	30184	15388	29345	14595

Nominal cross-sectional area of conductor (mm ²)	Nominal thickness of insulation mm	Nominal thickness of sheath mm	Average Approx. overall diameter mm	Approx. weight kg/ km			
				YJSV ₆₂	YJLSV ₆₂	YJSY ₆₃	YJLSY ₆₃
1×25	5.5	1.8	28	2110	1955	2011	1856
1×35	5.5	1.8	29	2250	2038	2148	1936
1×50	5.5	1.8	30	2445	2158	2333	2046
1×70	5.5	1.9	32	2722	2308	2605	2191
1×95	5.5	1.9	33	3072	2497	2944	2368
1×120	5.5	2	35	3372	2647	3238	2513
1×150	5.5	2	36	3718	2822	3573	2677
1×185	5.5	2.1	38	4144	3024	3992	2872
1×240	5.5	2.2	42	4838	3365	4670	3168
1×300	5.5	2.3	44	5533	3682	5379	3497
1×400	5.5	2.4	48	6500	4234	6295	3929
1×500	5.5	2.5	51	7683	4647	7458	4451
1×630	5.5	2.6	54	9238	5307	8979	5056
1×800	5.5	2.7	60	10997	6079	10708	5809

Nominal cross-sectional area of conductor (mm ²)	Nominal thickness of insulation mm	Nominal thickness of sheath mm	Average Approx. overall diameter mm	Approx. weight kg/ km			
				YJSV ₃₂	YJLSV ₃₂	YJSY ₃₃	YJLSY ₃₃
3×25	5.5	2.8	64	6607	6142	6325	5860
3×35	5.5	2.9	67	7015	6377	6724	6085
3×50	5.5	3	69	7720	6857	7405	6524
3×70	5.5	3.2	73	8807	7561	8451	7205
3×95	5.5	3.3	77	10001	8269	9614	7882
3×120	5.5	3.4	81	12000	9799	11577	9396
3×150	5.5	3.5	84	13254	10557	12800	10101
3×185	5.5	3.7	89	14822	11453	14320	10990
3×240	5.5	3.8	95	17212	12779	16663	12230
3×300	5.5	4	100	19717	14147	19107	13536
3×400	5.5	4.2	108	23006	15887	22322	15203
3×500	5.5	4.4	117	27173	18038	26407	17272
3×630	5.5	4.7	124	32564	20687	31637	19808
3×800	5.5	5.1	134	38444	23455	37378	22422

Nominal cross-sectional area of conductor (mm ²)	Nominal thickness of insulation mm	Nominal thickness of sheath mm	Average Approx. overall diameter mm	Approx. weight kg/ km			
				YJSV ₂₂	YJLSV ₂₂	YJSY ₂₃	YJLSY ₂₃
3×25	5.5	2.9	63	5449	4984	5175	4710
3×35	5.5	2.9	66	5912	5237	5629	4990
3×50	5.5	3	69	6571	5709	6265	5408
3×70	5.5	3.2	72	7597	6352	7250	6005
3×95	5.5	3.3	76	8731	6998	8353	6621
3×120	5.5	3.4	80	9786	7602	9382	7199
3×150	5.5	3.5	82	10936	8239	10479	7802
3×185	5.5	3.7	87	12411	9042	11927	8557
3×240	5.5	3.8	92	14630	10198	14099	9666
3×300	5.5	4	99	16999	11379	16359	10788
3×400	5.5	4.2	105	20077	12970	19462	12307
3×500	5.5	4.5	113	23999	14863	23254	14199
3×630	5.5	4.7	121	29108	17279	28252	16423
3×800	5.5	5.2	132	35244	20292	34239	19283

Nominal cross-sectional area of conductor (mm ²)	Nominal thickness of insulation mm	Nominal thickness of sheath mm	Average Approx. overall diameter mm	Approx. weight kg/ km			
				YJSV ₇₂	YJLSV ₇₂	YJSY ₇₃	YJLSY ₇₃
1×25	5.5	2	35	2049	1849	1943	1788
1×35	5.5	2	36	2173	1960	2064	1852
1×50	5.5	2.1	37	2345	2171	2239	1955
1×70	5.5	2.1	39	2634	2221	2511	2097
1×95	5.5	2.2	41	2975	2399	2839	2236
1×120	5.5	2.2	43	3268	2544	3138	2403
1×150	5.5	2.3	44	3611	2714	3458	2562
1×185	5.5	2.3	46	4244	2905	3866	2747
1×240	5.5	2.4	50	4859	3386	4679	3206
1×300	5.5	2.5	52	5560	3709	5364	3512
1×400	5.5	2.6	55	6519	4254	6303	3937
1×500	5.5	2.7	58	7706	4672	7469	4433
1×630	5.5	2.8	62	9285	5327	8944	5063
1×800	5.5	2.9	67	11006	6088	10700	5888

18/30KV XLPE insulation copper wire screen power cable

Nominal cross-sectional area of conductor (mm ²)	Nominal thickness of insulation mm	Nominal thickness of sheath mm	Average Approx. overall diameter mm	Approx. weight kg/ km			
				YJSV	YJLSV	YJSY	YJLSY
1×50	8	2	35	2018	1731	1913	1626
1×70	8	2.1	37	2290	1876	2174	1760
1×95	8	2.1	39	2600	2021	2478	1902
1×120	8	2.2	40	2898	2173	2765	2040
1×150	8	2.2	45	3206	2310	3068	2172
1×185	8	2.3	44	3628	2508	3477	2357
1×240	8	2.3	46	4246	2773	4086	2613
1×300	8	2.4	49	4909	3058	4734	2882
1×400	8	2.5	52	5809	3443	5615	3250
1×500	8	2.6	55	6949	3911	6732	3696
1×630	8	2.7	59	8421	4490	8182	4251
1×800	8	2.7	63	10112	5195	9855	4938
3×50	8	3.1	70	5634	4771	5297	4435
3×70	8	3.2	74	6524	5279	6160	4914

Nominal cross-sectional area of conductor (mm ²)	Nominal thickness of insulation mm	Nominal thickness of sheath mm	Average Approx. overall diameter mm	Approx. weight kg/ km			
				YJSV	YJLSV	YJSY	YJLSY
3×95	8	3.4	78	7629	5897	7221	5488
3×120	8	3.5	81	8595	6414	8157	5978
3×150	8	3.6	84	9651	6954	9183	6488
3×185	8	3.7	87	11020	7650	10417	7147
3×240	8	3.9	93	13140	8707	12576	8134
3×300	8	4	98	15291	9720	14682	9111
3×400	8	4.2	105	18250	11131	17569	10450
3×500	8	4.4	112	21970	12836	21220	12075
3×630	8	4.7	120	26825	14997	25945	14125
3×800	8	5.2	130	32664	17863	21618	16822

Nominal cross-sectional area of conductor (mm ²)	Nominal thickness of insulation mm	Nominal thickness of sheath mm	Average Approx. overall diameter mm	Approx. weight kg/ km			
				YJSV ₆₂	YJLSV ₆₂	YJSY ₆₃	YJLSY ₆₃
1×50	8	2.2	42	3232	2945	3093	2806
1×70	8	2.3	44	3560	3147	3408	2994
1×95	8	2.3	46	3926	3335	3767	3192
1×120	8	2.4	48	4298	3574	4128	3402
1×150	8	2.5	49	4676	3780	4492	3595
1×185	8	2.5	51	5136	4016	4944	3824
1×240	8	2.6	54	5886	4413	5676	4202
1×300	8	2.7	56	6628	4777	6400	4549
1×400	8	2.8	59	7659	5293	7408	5042
1×500	8	2.9	62	8999	5817	8666	5597
1×630	8	3	67	10540	6607	10237	6308
1×800	8	3.3	71	12485	7567	12129	7211

Nominal cross-sectional area of conductor (mm ²)	Nominal thickness of insulation mm	Nominal thickness of sheath mm	Average Approx. overall diameter mm	Approx. weight kg/ km			
				YJSV ₃₂	YJLSV ₃₂	YJSY ₃₃	YJLSY ₃₃
3×50	8	3.5	83	10570	9708	10133	9270
3×70	8	3.6	87	11726	10480	11254	10258
3×95	8	3.7	91	13027	11249	12520	10780
3×120	8	3.8	95	14255	12077	13715	11535
3×150	8	3.9	98	15579	12287	15004	12307
3×185	8	4.1	102	17228	13873	16599	13230
3×240	8	4.2	107	19728	15229	19408	14615
3×300	8	4.4	113	22353	16727	21560	16033
3×400	8	4.6	119	25824	18353	24996	17850
3×500	8	4.8	127	31254	20824	29210	20094
3×630	8	5.1	135	35607	23687	34562	22374
3×800	8	5.5	145	41543	26481	40160	25648

Nominal cross-sectional area of conductor (mm ²)	Nominal thickness of insulation mm	Nominal thickness of sheath mm	Average Approx. overall diameter mm	Approx. weight kg/ km			
				YJSV ₂₂	YJLSV ₂₂	YJSY ₂₃	YJLSY ₂₃
3×50	8	3.5	79	8299	7436	7883	7020
3×70	8	3.6	82	9360	8115	8911	7666
3×95	8	3.7	86	10569	8837	10100	8353
3×120	8	3.8	90	11693	9513	11176	8996
3×150	8	3.9	92	12999	10214	12360	9667
3×185	8	4.1	97	1449	11098	13863	10494
3×240	8	4.2	102	16796	12363	16141	11708
3×300	8	4.4	109	19237	13666	18564	12997
3×400	8	4.6	115	22494	15375	21693	14579
3×500	8	4.8	123	26607	17473	25735	16580
3×630	8	5.1	131	31889	20045	30832	19009
3×800	8	5.5	142	38028	23233	36846	22056

Nominal cross-sectional area of conductor (mm ²)	Nominal thickness of insulation mm	Nominal thickness of sheath mm	Average Approx. overall diameter mm	Approx. weight kg/ km			
				YJSV ₇₂	YJLSV ₇₂	YJSY ₇₃	YJLSY ₇₃
1×50	8	2.2	42	2751	2464	2609	2322
1×70	8	2.3	44	3060	2650	2909	2495
1×95	8	2.3	46	3426	2826	3241	2665
1×120	8	2.4	48	3892	3167	3713	2988
1×150	8	2.5	49	4266	3364	4069	3172
1×185	8	2.5	51	4702	3583	4504	3384
1×240	8	2.6	54	5426	3953	5208	3735
1×300	8	2.7	56	6158	4307	5916	4065
1×400	8	2.8	59	7149	4780	6887	4521
1×500	8	2.9	62	8359	5318	8076	5036
1×630	8	3	67	9599	6027	9649	5718
1×800	8	3.3	71	11690	6772	11259	6444

18/30kV XLPE insulation Corrugated Al sheath power cable

Nominal cross-sectional area of conductor (mm ²)	Nominal thickness of insulation mm	Nominal thickness of sheath mm	Average Approx. overall diameter mm	Approx. weight kg/ km			
				YJLW ₀₂	YJLLW ₀₂	YJLW ₀₃	YJLLW ₀₃
1×50	8	2.7	54	3059	2772	2838	2551
1×70	8	2.8	56	3382	2968	3149	2736
1×95	8	2.8	58	3764	3188	3518	2942
1×120	8	2.9	59	4103	3379	2847	3122
1×150	8	2.9	61	4472	3576	4204	3308
1×185	8	3	63	4974	3828	4666	3546
1×240	8	3.1	65	5670	4197	5639	3895
1×300	8	3.1	67	6409	4557	6088	4237
1×400	8	3.2	71	7411	5045	7066	4700
1×500	8	3.4	74	8663	5627	8290	5254
1×630	8	3.5	77	10271	6340	9864	5933
1×800	8	3.6	83	12222	7251	11770	6800