

**Low voltage XLPE insulated power cable, 0.6/1kV  
 (ZR)YJV: CU/XLPE/PVC, (ZR)YJY: CU/XLPE/PE**

Nom. cross-sectional area of conductor	Insulation thickness	Sheath thickness	Overall diameter	Approx. weight	Max. D.C. resistance of conductor @20°C
mm <sup>2</sup>	mm	mm	mm	kg/km	Ω/km
Single core					
1×1.5	0.7	1.4	6.0	44	12.1
1×2.5	0.7	1.4	6.0	56	7.41
1×4	0.7	1.4	6.5	73	4.61
1×6	0.7	1.4	7.0	95	3.08
1×10	0.7	1.4	8.0	136	1.83
1×16	0.7	1.4	9.0	195	1.15
1×25	0.9	1.4	10.5	290	0.727
1×35	0.9	1.4	12.0	384	0.524
1×50	1.0	1.4	13.0	513	0.387
1×70	1.1	1.4	14.0	711	0.268
1×95	1.1	1.5	16.0	959	0.193
1×120	1.2	1.5	18.0	1194	0.153
1×150	1.4	1.6	20.0	1474	0.124
1×185	1.6	1.6	22.0	1830	0.0991
1×240	1.7	1.7	25.0	2368	0.0754
1×300	1.8	1.8	27.0	2940	0.0601
1×400	2.0	1.9	31.0	3755	0.047
1×500	2.2	2.1	35.0	4786	0.0366
1×630	2.4	2.2	40.0	6145	0.0283
1×800	2.6	2.3	44.4	7716	0.0221
Two-core					
2×2.5	0.7	1.8	10.2	132	7.41
2×4	0.7	1.8	11.2	172	4.61
2×6	0.7	1.8	12.2	221	3.08
2×10	0.7	1.8	14.2	319	1.83
2×16	0.7	1.8	16.2	451	1.15
2×25	0.9	1.8	19.4	671	0.727
2×35	0.9	1.8	21.4	880	0.524
2×50	1.0	1.8	24.2	1172	0.387
2×70	1.1	1.8	28.2	1623	0.268
2×95	1.1	1.8	31.6	2177	0.193
2×120	1.2	1.8	35.1	2712	0.153
2×150	1.4	1.9	39.1	3357	0.124
2×185	1.6	1.9	43.6	4175	0.0991
2×240	1.7	1.9	48.9	5392	0.0754
2×300	1.8	1.9	53.8	6684	0.0601
2×400	2.0	1.9	61.1	8558	0.047

Nom. cross-sectional area of conductor	Insulation thickness	Sheath thickness	Overall diameter	Approx. weight	Max. D.C. resistance of conductor @20°C
mm <sup>2</sup>	mm	mm	mm	kg/km	Ω/km
Three-core					
3×1.5	0.7	1.8	10.0	142	12.1
3×2.5	0.7	1.8	10.7	161	7.41
3×4	0.7	1.8	11.8	216	4.61
3×6	0.7	1.8	12.9	284	3.08
3×10	0.7	1.8	15.0	416	1.83
3×16	0.7	1.8	17.2	600	1.15
3×25	0.9	1.8	20.6	902	0.727
3×35	0.9	1.8	22.8	1197	0.524
3×50	1.0	1.8	25.8	1606	0.387
3×70	1.1	1.8	30.3	2245	0.268
3×95	1.1	1.9	34.0	3031	0.193
3×120	1.2	2.0	37.7	3784	0.153
3×150	1.4	2.2	42.1	4687	0.124
3×185	1.6	2.3	46.9	5835	0.0991
3×240	1.7	2.4	52.7	7556	0.0754
3×300	1.8	2.6	58.0	9386	0.0601
3×400	2.0	3.0	65.8	12021	0.047
Four-core					
4×4	0.7	1.8	12.8	266	4.61
4×6	0.7	1.8	14.0	354	3.08
4×10	0.7	1.8	16.4	525	1.83
4×16	0.7	1.8	18.8	764	1.15
4×25	0.9	1.8	22.7	1157	0.727
4×35	0.9	1.8	25.1	1543	0.524
4×50	1.0	1.8	28.6	2084	0.387
4×70	1.1	1.8	33.7	2927	0.268
4×95	1.1	1.9	37.8	3961	0.193
4×120	1.2	2.0	42.0	4949	0.153
4×150	1.4	2.2	46.9	6134	0.124
4×185	1.6	2.3	52.3	7641	0.0991
4×240	1.7	2.5	58.7	9904	0.0754
4×300	1.8	2.6	64.7	12312	0.0601
4×400	2.0	3.1	73.5	15773	0.047
3×4+1×2.5	0.7	1.8	13.0	231	4.61
3×6+1×4	0.7	1.8	14.0	310	3.08
3×10+1×6	0.7	1.8	17.0	452	1.83
3×16+1×10	0.7	1.8	19.0	665	1.15
3×25+1×16	0.9	1.8	22.0	1044	0.727
3×35+1×16	0.9	1.8	24.0	1333	0.524
3×50+1×25	1.0	1.8	25.0	1863	0.387
3×70+1×35	1.1	1.9	28.0	2533	0.268

Nom. cross-sectional area of conductor	Insulation thickness	Sheath thickness	Overall diameter	Approx. weight	Max. D.C. resistance of conductor @20°C
mm <sup>2</sup>	mm	mm	mm	kg/km	Ω/km
3×95+1×50	1.1	2.0	32.0	3448	0.193
3×120+1×70	1.2	2.1	35.0	4354	0.153
3×150+1×70	1.4	2.2	40.0	5219	0.124
3×185+1×95	1.6	2.4	43.0	6548	0.0991
3×240+1×120	1.7	2.5	48.0	8331	0.0754
3×300+1×150	1.8	2.7	54.0	10932	0.0601
3×400+1×240	2.0	3.1	66.0	14181	0.047
Five-core					
5×4	0.7	1.8	13.8	319	4.61
5×6	0.7	1.8	15.1	427	3.08
5×10	0.7	1.8	17.8	638	1.83
5×16	0.7	1.8	20.5	935	1.15
5×25	0.9	1.8	24.9	1421	0.727
5×35	0.9	1.9	27.6	1901	0.524
5×50	1.0	2.0	31.6	2585	0.387
5×70	1.1	2.1	37.3	3635	0.268
5×95	1.1	2.2	42.0	4924	0.193
5×120	1.2	2.4	46.6	6156	0.153
5×150	1.4	2.5	52.0	7633	0.124
5×185	1.6	2.7	58.1	9511	0.0991
5×240	1.7	3.0	65.3	12334	0.0754
5×300	1.8	3.2	71.9	15338	0.0601
5×400	2.0	3.6	81.7	19655	0.047
3×4+2×2.5	0.7	1.8	13.9	303	4.61
3×6+2×4	0.7	1.8	15.3	405	3.08
3×10+2×6	0.7	1.8	18.0	591	1.83
3×16+2×10	0.7	1.8	21.0	870	1.15
3×25+2×16	0.9	1.8	24.0	1315	0.727
3×35+2×16	0.9	1.8	26.0	1614	0.524
3×50+2×35	1.0	1.9	29.0	2338	0.387
3×70+2×35	1.1	2.0	32.0	3137	0.268
3×95+2×50	1.1	2.1	36.0	4184	0.193
3×120+2×70	1.2	2.3	41.0	5328	0.153
3×150+2×70	1.4	2.4	44.0	6389	0.124
3×185+2×95	1.6	2.5	49.0	7939	0.0991
3×240+2×120	1.7	2.7	54.0	10133	0.0754
3×300+2×150	1.8	2.8	56.0	12554	0.0601
4×4+1×2.5	0.7	1.8	14.5	324	4.61
4×6+1×4	0.7	1.8	15.9	426	3.08
4×10+1×6	0.7	1.8	18.0	636	1.83
4×16+1×10	0.7	1.8	21.0	946	1.15
4×25+1×16	0.9	1.8	25.0	1427	0.727

Nom. cross-sectional area of conductor	Insulation thickness	Sheath thickness	Overall diameter	Approx. weight	Max. D.C. resistance of conductor @20°C
mm <sup>2</sup>	mm	mm	mm	kg/km	Ω/km
4×35+1×16	0.9	1.8	27.0	1826	0.524
4×50+1×25	1.0	1.9	29.0	2580	0.387
4×70+1×35	1.1	2.0	32.0	3494	0.268
4×95+1×50	1.1	2.1	36.0	4640	0.193
4×120+1×70	1.2	2.3	41.0	5857	0.153
4×150+1×70	1.4	2.4	44.0	7130	0.124
4×185+1×95	1.6	2.5	49.0	8874	0.0991
4×240+1×120	1.7	2.7	54.0	11336	0.0754
4×300+1×150	1.8	3.1	66.0	14035	0.0601

\*The information in this datasheet is for reference only and is subject to change without notice or liability.

**Low voltage XLPE insulated (stainless) steel tape armored  
power cable, 0.6/1kV**

**(ZR)YJV62: CU/XLPE/PVC/STA/PVC, (ZR)YJY63: CU/XLPE/PE/STA/PE  
(ZR)YJV22: CU/XLPE/PVC/STA/PVC, (ZR)YJY23: CU/XLPE/PE/STA/PE**

Nom. cross-sectional area of conductor	Insulation thickness	Inner sheath thickness	Steel tape thickness	Outer sheath thickness	Overall diameter	Approx. weight	Max. D.C. resistance of conductor @20°C
mm <sup>2</sup>	mm	mm	mm	mm	mm	kg/km	Ω/km
<b>Stainless steel tape armor</b>							
<b>Single core</b>							
1×25	0.9	1.0	2×0.2	1.8	14.0	442	0.727
1×35	0.9	1.0	2×0.2	1.8	15.0	547	0.524
1×50	1.0	1.0	2×0.2	1.8	17.0	688	0.387
1×70	1.1	1.0	2×0.2	1.8	18.0	895	0.268
1×95	1.1	1.0	2×0.2	1.8	20.0	1125	0.193
1×120	1.2	1.0	2×0.2	1.8	22.0	1358	0.153
1×150	1.4	1.0	2×0.2	1.8	23.0	1649	0.124
1×185	1.6	1.0	2×0.5	1.8	25.0	1984	0.0991
1×240	1.7	1.0	2×0.5	1.8	28.0	2489	0.0754
1×300	1.8	1.0	2×0.5	1.9	30.0	3036	0.0601
1×400	2.0	1.2	2×0.2	2.1	35.0	4230	0.047
1×500	2.2	1.2	2×0.2	2.2	39.0	5194	0.0366
1×630	2.4	1.2	2×0.2	2.4	45.0	6504	0.0283
<b>Steel tape armor</b>							
<b>Two-core</b>							
2×2.5	0.7	1.0	2×0.2	1.8	13.4	272	7.41
2×4	0.7	1.0	2×0.2	1.8	15.0	433	4.61
2×6	0.7	1.0	2×0.2	1.8	16.0	500	3.08
2×10	0.7	1.0	2×0.2	1.8	19.0	673	1.83
2×16	0.7	1.0	2×0.2	1.8	21.0	857	1.15
2×25	0.9	1.0	2×0.2	1.8	24.0	1173	0.727
2×35	0.9	1.0	2×0.2	1.8	26.0	1449	0.524
2×50	1.0	1.0	2×0.2	1.8	25.0	1877	0.387
2×70	1.1	1.0	2×0.2	1.9	27.0	2454	0.268
2×95	1.1	1.2	2×0.2	2.0	30.0	2483	0.193
2×120	1.2	1.2	2×0.2	2.1	33.0	4213	0.153
2×150	1.4	1.2	2×0.5	2.3	38.0	5087	0.124
2×185	1.6	1.4	2×0.5	2.4	48.0	5345	0.0991
2×240	1.7	1.4	2×0.5	2.6	56.0	6833	0.0754
2×300	1.8	1.4	2×0.5	2.8	60.0	8208	0.0601
2×400	2.0	1.4	2×0.5	3.0	67.5	10300	0.047
<b>Three-core</b>							
3×1.5	0.7	1.0	2×0.2	1.8	13.0	273	12.1
3×2.5	0.7	1.0	2×0.2	1.8	14.0	289	7.41

Nom. cross-sectional area of conductor	Insulation thickness	Inner sheath thickness	Steel tape thickness	Outer sheath thickness	Overall diameter	Approx. weight	Max. D.C. resistance of conductor @20°C
mm <sup>2</sup>	mm	mm	mm	mm	mm	kg/km	Ω/km
3×4	0.7	1.0	2×0.2	1.8	15.0	357	4.61
3×6	0.7	1.0	2×0.2	1.8	16.0	439	3.08
3×10	0.7	1.0	2×0.2	1.8	18.0	598	1.83
3×16	0.7	1.0	2×0.2	1.8	20.0	811	1.15
3×25	0.9	1.0	2×0.2	1.8	23.0	1159	0.727
3×35	0.9	1.0	2×0.2	1.8	26.0	1484	0.524
3×50	1.0	1.0	2×0.2	1.8	29.0	1943	0.387
3×70	1.1	1.2	2×0.2	1.9	35.0	2687	0.268
3×95	1.1	1.2	2×0.5	2.1	39.0	3910	0.193
3×120	1.2	1.2	2×0.5	2.2	42.0	4761	0.153
3×150	1.4	1.4	2×0.5	2.4	48.0	5832	0.124
3×185	1.6	1.4	2×0.5	2.5	51.0	7118	0.0991
3×240	1.7	1.6	2×0.5	2.7	56.0	9070	0.0754
3×300	1.8	1.6	2×0.5	3.0	59.0	11067	0.0601
3×400	2.0	1.6	2×0.5	3.2	61.0	13949	0.047
Four-core							
4×4	0.7	1.0	2×0.2	1.8	16.0	419	4.61
4×6	0.7	1.0	2×0.2	1.8	17.0	523	3.08
4×10	0.7	1.0	2×0.2	1.8	20.0	725	1.83
4×16	0.7	1.0	2×0.2	1.8	23.0	997	1.15
4×25	0.9	1.0	2×0.2	1.8	27.0	1442	0.727
4×35	0.9	1.0	2×0.2	1.8	29.0	1865	0.524
4×50	1.0	1.0	2×0.2	1.9	33.0	2469	0.387
4×70	1.1	1.2	2×0.2	2.0	38.0	3797	0.268
4×95	1.1	1.2	2×0.5	2.2	42.0	4945	0.193
4×120	1.2	1.4	2×0.5	2.4	47.0	6097	0.153
4×150	1.4	1.4	2×0.5	2.5	52.0	7422	0.124
4×185	1.6	1.6	2×0.5	2.7	56.0	9147	0.0991
4×240	1.7	1.6	2×0.5	3.0	62.0	11615	0.0754
4×300	1.8	1.7	2×0.5	3.1	64.0	14218	0.0601
4×400	2.0	1.7	2×0.5	3.5	69.0	18045	0.047
3×4+1×2.5	0.7	1.0	2×0.2	1.8	16.0	443	4.61
3×6+1×4	0.7	1.0	2×0.2	1.8	17.0	531	3.08
3×10+1×6	0.7	1.0	2×0.2	1.8	20.0	741	1.83
3×16+1×10	0.7	1.0	2×0.2	1.8	23.0	1135	1.15
3×25+1×16	0.9	1.0	2×0.2	1.8	26.0	1556	0.727
3×35+1×16	0.9	1.0	2×0.2	1.8	28.0	1896	0.524
3×50+1×25	1.0	1.0	2×0.2	1.8	31.0	2518	0.387
3×70+1×35	1.1	1.2	2×0.2	2.0	36.0	3293	0.268
3×95+1×50	1.1	1.2	2×0.5	2.1	40.0	4349	0.193
3×120+1×70	1.2	1.2	2×0.5	2.3	44.0	5365	0.153
3×150+1×70	1.4	1.4	2×0.5	2.4	49.0	6468	0.124

Nom. cross-sectional area of conductor	Insulation thickness	Inner sheath thickness	Steel tape thickness	Outer sheath thickness	Overall diameter	Approx. weight	Max. D.C. resistance of conductor @20°C
mm <sup>2</sup>	mm	mm	mm	mm	mm	kg/km	Ω/km
3×185+1×95	1.6	1.4	2×0.5	2.6	52.0	7854	0.0991
3×240+1×120	1.7	1.6	2×0.5	2.8	68.0	9814	0.0754
3×300+1×150	1.8	1.7	2×0.5	2.9	71.0	12781	0.0601
3×400+1×240	2.0	1.7	2×0.5	3.5	76.0	16359	0.047
Five-core							
5×4	0.7	1.0	2×0.2	1.8	18.1	485	4.61
5×6	0.7	1.0	2×0.2	1.8	19.4	611	3.08
5×10	0.7	1.0	2×0.2	1.8	22.9	857	1.83
5×16	0.7	1.0	2×0.2	1.8	25.8	1191	1.15
5×25	0.9	1.0	2×0.2	1.8	30.5	1736	0.727
5×35	0.9	1.0	2×0.2	1.9	33.7	2270	0.524
5×50	1.0	1.0	2×0.5	2.0	38.6	3050	0.387
5×70	1.1	1.2	2×0.5	2.2	43.4	4602	0.268
5×95	1.1	1.2	2×0.5	2.3	48.6	6071	0.193
5×120	1.2	1.4	2×0.5	2.5	54.4	7437	0.153
5×150	1.4	1.4	2×0.5	2.7	60.1	9133	0.124
5×185	1.6	1.6	2×0.5	2.9	66.7	11198	0.0991
5×240	1.7	1.6	2×0.5	3.0	74.7	14255	0.0754
5×300	1.8	1.7	2×0.5	3.1	83.2	17562	0.0601
5×400	2.0	2.0	2×0.8	3.8	91.6	23171	0.047
3×4+2×2.5	0.7	1.0	2×0.2	1.5	17.5	855	4.61
3×6+2×4	0.7	1.0	2×0.2	1.5	18.9	1009	3.08
3×10+2×6	0.7	1.0	2×0.2	2.0	21.6	1461	1.83
3×16+2×10	0.7	1.0	2×0.2	2.0	24.6	1877	1.15
3×25+2×16	0.9	1.0	2×0.2	2.0	28.7	2583	0.727
3×35+2×16	0.9	1.0	2×0.2	2.0	30.7	3001	0.524
3×50+2×25	1.0	1.0	2×0.2	2.0	36.2	4392	0.387
3×70+2×35	1.1	1.2	2×0.2	2.5	40.3	5519	0.268
3×95+2×50	1.1	1.2	2×0.5	2.5	44.9	7543	0.193
3×120+2×70	1.2	1.2	2×0.5	2.5	50.3	9203	0.153
3×150+2×70	1.4	1.4	2×0.5	3.0	54.0	10485	0.124
3×185+2×95	1.6	1.4	2×0.5	3.0	60.2	13945	0.0991
3×240+2×120	1.7	1.6	2×0.5	3.5	67.2	15643	0.0754
3×300+2×150	1.8	1.7	2×0.5	3.5	75.2	18204	0.0601
4×4+1×2.5	0.7	1.0	2×0.2	1.5	18.4	565	4.61
4×6+1×4	0.7	1.0	2×0.2	1.5	19.8	692	3.08
4×10+1×6	0.7	1.0	2×0.2	2.0	22.8	953	1.83
4×16+1×10	0.7	1.0	2×0.2	2.0	25.8	1318	1.15
4×25+1×16	0.9	1.0	2×0.2	2.0	30.4	1877	0.727
4×35+1×16	0.9	1.0	2×0.2	2.0	34.1	2324	0.524
4×50+1×25	1.0	1.0	2×0.2	2.0	38.7	3415	0.387
4×70+1×35	1.1	1.2	2×0.5	2.5	44.2	4432	0.268

Nom. cross-sectional area of conductor	Insulation thickness	Inner sheath thickness	Steel tape thickness	Outer sheath thickness	Overall diameter	Approx. weight	Max. D.C. resistance of conductor @20°C
mm <sup>2</sup>	mm	mm	mm	mm	mm	kg/km	Ω/km
4×95+1×50	1.1	1.2	2×0.5	2.5	49.8	5747	0.193
4×120+1×70	1.2	1.2	2×0.5	2.5	55.4	7112	0.153
4×150+1×70	1.4	1.4	2×0.5	3.0	60.1	8556	0.124
4×185+1×95	1.6	1.4	2×0.5	3.0	66.9	10510	0.0991
4×240+1×120	1.7	1.6	2×0.5	3.5	74.8	13232	0.0754
4×300+1×150	1.8	1.7	2×0.5	3.5	78.4	16452	0.0601

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**Low voltage XLPE insulated Aluminum/steel wire armored  
power cable, 0.6/1kV**

**(ZR)YJV72: CU/XLPE/PVC/AWA/PVC,**

**(ZR)YJY63: CU/XLPE/PE/AWA/PE**

**(ZR)YJV32: CU/XLPE/PVC/SWA/PVC,**

**(ZR)YJY33: CU/XLPE/SWA/PE**

Nom. cross-sectional area of conductor	Insulation thickness	Inner sheath thickness	Aluminum/Steel wire diameter	Outer sheath thickness	Overall diameter	Approx. weight	Max. D.C. resistance of conductor @20°C
mm <sup>2</sup>	mm	mm	mm	mm	mm	kg/km	Ω/km
<b>Aluminum wire armor</b>							
<b>Single core</b>							
1×25	0.9	1.0	1.6	1.8	19.0	653	0.727
1×35	0.9	1.0	1.6	1.8	20.2	775	0.524
1×50	1.0	1.0	1.6	1.8	22.0	936	0.387
1×70	1.1	1.0	1.6	1.8	23.5	1175	0.268
1×95	1.1	1.0	1.6	1.8	25.3	1556	0.193
1×120	1.2	1.0	1.6	1.8	27.0	1822	0.153
1×150	1.4	1.0	1.6	1.8	29.3	2156	0.124
1×185	1.6	1.0	1.6	1.8	31.5	2536	0.0991
1×240	1.7	1.0	2.0	2.0	34.5	3110	0.0754
1×300	1.8	1.0	2.0	2.0	38.0	3947	0.0601
1×400	2.0	1.2	2.0	2.1	44.0	5046	0.047
1×500	2.2	1.2	2.0	2.2	48.0	6103	0.0366
1×630	2.4	1.2	2.5	2.4	54.0	7958	0.0283
<b>Steel wire armor</b>							
<b>Two-core</b>							
2×1.5	0.7	1.0	0.9	1.8	15.0	330	12.1
2×2.5	0.7	1.0	0.9	1.8	16.0	376	7.41
2×4	0.7	1.0	0.9	1.8	17.0	554	4.61
2×6	0.7	1.0	0.9	1.8	18.2	633	3.08
2×10	0.7	1.0	1.3	1.8	21.0	797	1.83
2×16	0.7	1.0	1.6	1.8	23.5	1124	1.15
2×25	0.9	1.0	1.6	1.8	26.0	1417	0.727
2×35	0.9	1.0	1.6	1.8	30.5	1694	0.524
2×50	1.0	1.0	1.6	1.8	27.0	1787	0.387
2×70	1.1	1.0	1.6	2.0	30.0	2181	0.268
2×95	1.1	1.2	1.6	2.1	34.0	2768	0.193
2×120	1.2	1.2	2.0	2.2	36.5	3500	0.153
2×150	1.4	1.2	2.0	2.4	42.0	4233	0.124
2×185	1.6	1.2	2.0	2.5	45.0	4979	0.0991
2×240	1.7	1.4	2.5	2.8	61.0	8623	0.0754
2×300	1.8	1.5	2.5	2.9	66.0	10229	0.0601
2×400	2.0	1.7	2.5	3.2	73.8	12641	0.047

Nom. cross-sectional area of conductor	Insulation thickness	Inner sheath thickness	Aluminum /Steel wire diameter	Outer sheath thickness	Overall diameter	Approx. weight	Max. D.C. resistance of conductor @20°C
mm <sup>2</sup>	mm	mm	mm	mm	mm	kg/km	Ω/km
Three-core							
3×1.5	0.7	1.0	0.9	1.8	15.8	359	12.1
3×2.5	0.7	1.0	0.9	1.8	16.8	378	7.41
3×4	0.7	1.0	0.9	1.8	18.0	454	4.61
3×6	0.7	1.0	0.9	1.8	19.0	545	3.08
3×10	0.7	1.0	1.3	1.8	22.0	721	1.83
3×16	0.7	1.0	1.6	1.8	24.5	951	1.15
3×25	0.9	1.0	1.6	1.8	29.2	1655	0.727
3×35	0.9	1.0	1.6	1.8	32.5	2033	0.524
3×50	1.0	1.0	1.6	1.9	33.0	2577	0.387
3×70	1.1	1.0	1.6	2.0	37.0	3688	0.268
3×95	1.1	1.2	1.6	2.1	43.0	4641	0.193
3×120	1.2	1.2	2.0	2.3	45.0	5561	0.153
3×150	1.4	1.4	2.0	2.4	51.0	7172	0.124
3×185	1.6	1.4	2.0	2.6	56.0	8619	0.0991
3×240	1.7	1.4	2.5	2.8	62.0	10711	0.0754
3×300	1.8	1.6	2.5	3.0	67.0	12862	0.0601
3×400	2.0	1.6	2.5	3.2	76.0	16879	0.047
Four-core							
4×4	0.7	1.0	0.9	1.8	18.0	522	4.61
4×6	0.7	1.0	1.3	1.8	19.0	638	3.08
4×10	0.7	1.0	1.3	1.8	22.0	859	1.83
4×16	0.7	1.0	1.6	1.8	24.5	1458	1.15
4×25	0.9	1.0	1.6	1.8	29.2	1989	0.727
4×35	0.9	1.0	2.0	1.9	32.5	2487	0.524
4×50	1.0	1.0	2.0	2.0	33.0	3407	0.387
4×70	1.1	1.0	2.0	2.1	37.0	4533	0.268
4×95	1.1	1.2	2.0	2.3	43.0	5768	0.193
4×120	1.2	1.2	2.5	2.4	45.0	7438	0.153
4×150	1.4	1.4	2.5	2.5	51.0	8884	0.124
4×185	1.6	1.4	2.5	2.7	56.0	10794	0.0991
4×240	1.7	1.4	2.5	3.0	62.0	13437	0.0754
4×300	1.8	1.6	2.5	3.2	67.0	16224	0.0601
4×400	2.0	1.6	3.2	3.5	74.0	21291	0.047
3×4+1×2.5	0.7	1.0	0.9	1.8	18.7	624	4.61
3×6+1×4	0.7	1.0	0.9	1.8	20.0	752	3.08
3×10+1×6	0.7	1.0	1.3	1.8	23.3	1154	1.83
3×16+1×10	0.7	1.0	1.3	1.8	25.8	1456	1.15
3×25+1×16	0.9	1.0	1.6	1.8	30.0	1905	0.727
3×35+1×16	0.9	1.0	1.6	1.8	33.0	2259	0.524
3×50+1×25	1.0	1.0	1.6	1.9	35.5	2705	0.387
3×70+1×35	1.1	1.2	2.0	2.0	41.0	3729	0.268

Nom. cross-sectional area of conductor	Insulation thickness	Inner sheath thickness	Aluminum /Steel wire diameter	Outer sheath thickness	Overall diameter	Approx. weight	Max. D.C. resistance of conductor @20°C
mm <sup>2</sup>	mm	mm	mm	mm	mm	kg/km	Ω/km
3×95+1×50	1.1	1.2	2.0	2.1	46.0	4732	0.193
3×120+1×70	1.2	1.4	2.0	2.3	51.0	6071	0.153
3×150+1×70	1.4	1.4	2.5	2.4	56.5	7198	0.124
3×185+1×95	1.6	1.4	2.5	2.6	62.0	8558	0.0991
3×240+1×120	1.7	1.6	2.5	2.8	68.0	10580	0.0754
3×300+1×150	1.8	1.6	2.5	3.0	75.0	12742	0.0601
Five-core							
5×4	0.7	1.0	1.3	1.8	17.4	597	4.61
5×6	0.7	1.0	1.3	1.8	18.7	734	3.08
5×10	0.7	1.0	1.6	1.8	23.0	1292	1.83
5×16	0.7	1.0	1.6	1.8	25.7	1688	1.15
5×25	0.9	1.0	1.6	1.8	30.2	2343	0.727
5×35	0.9	1.0	1.6	1.9	33.1	2941	0.524
5×50	1.0	1.2	2.0	2.1	38.5	4095	0.387
5×70	1.1	1.2	2.0	2.3	44.2	5407	0.268
5×95	1.1	1.4	2.5	2.5	50.3	7413	0.193
5×120	1.2	1.4	2.5	2.6	54.9	8904	0.153
5×150	1.4	1.4	2.5	2.8	60.8	10784	0.124
5×185	1.6	1.6	2.5	3.0	66.9	13030	0.0991
5×240	1.7	1.6	3.2	3.3	74.1	16291	0.0754
5×300	1.8	1.8	3.2	3.6	86.8	21197	0.0601
5×400	2.0	2.0	3.2	3.9	96.7	26275	0.047
3×4+2×2.5	0.7	1.0	0.9	3.2	18.7	735	4.61
3×6+2×4	0.7	1.0	1.3	1.8	21.0	879	3.08
3×10+2×6	0.7	1.0	1.3	1.8	24.2	1263	1.83
3×16+2×10	0.7	1.0	1.6	1.8	27.5	1616	1.15
3×25+2×16	0.9	1.0	1.6	1.8	32.5	2142	0.727
3×35+2×16	0.9	1.0	1.6	1.8	35.5	2492	0.524
3×50+2×25	1.0	1.0	2.0	1.9	40.0	3408	0.387
3×70+2×35	1.1	1.0	2.0	2.2	45.6	4338	0.268
3×95+2×50	1.1	1.2	2.0	2.4	50.0	5374	0.193
3×120+2×70	1.2	1.2	2.5	2.6	56.9	7145	0.153
3×150+2×70	1.4	1.4	2.5	2.7	62.4	8076	0.124
3×185+2×95	1.6	1.4	2.5	3.0	67.6	9779	0.0991
3×240+2×120	1.7	1.4	2.5	3.2	73.8	12024	0.0754
3×300+2×150	1.8	1.6	3.2	3.4	83.0	14366	0.0601
4×4+1×2.5	0.7	1.0	0.9	1.8	20.0	752	4.61
4×6+1×4	0.7	1.0	1.3	1.8	21.5	913	3.08
4×10+1×6	0.7	1.0	1.3	1.8	25.0	1323	1.83
4×16+1×10	0.7	1.0	1.6	1.8	28.6	1691	1.15
4×25+1×16	0.9	1.0	1.6	1.8	33.5	2256	0.727
4×35+1×16	0.9	1.0	1.6	1.9	36.0	2957	0.524

Nom. cross-sectional area of conductor	Insulation thickness	Inner sheath thickness	Aluminum /Steel wire diameter	Outer sheath thickness	Overall diameter	Approx. weight	Max. D.C. resistance of conductor @20°C
mm <sup>2</sup>	mm	mm	mm	mm	mm	kg/km	Ω/km
4×50+1×25	1.0	1.0	2.0	2.2	42.0	3643	0.387
4×70+1×35	1.1	1.2	2.0	2.4	47.0	4614	0.268
4×95+1×50	1.1	1.2	2.0	2.6	51.2	6140	0.193
4×120+1×70	1.2	1.4	2.5	2.8	59.0	7544	0.153
4×150+1×70	1.4	1.4	2.5	3.0	64.0	8733	0.124
4×185+1×95	1.6	1.4	2.5	3.1	71.0	10597	0.0991
4×240+1×120	1.7	1.6	2.5	3.3	78.0	13029	0.0754
4×300+1×150	1.8	1.6	3.2	3.5	88.0	17172	0.0601

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