

## CE,CEL,SC<sub>1A</sub>-CE,SC<sub>1A</sub>-CEL power cable

Nominal cross sectional area of conductor	Insulation thickness	Sheath thickness	Approx. overall diameter	Approx weight of cable		D.C resistance of conductor		Testing voltage A.C of conductor	Current rating			
				kg/km		Ω/km			In air(A)		Direct in soil(A)	
				Cu	Al	Cu	Al		Cu	Al	Cu	Al
4 x 95	1.1	2.5	37	3954	1598	≤0.193	≤0.320	3.5	245	200	270	210
4 x 120	1.2	2.5	42	4925	1949	≤0.153	≤0.253	3.5	285	220	310	240
4 x 150	1.4	3.0	46	6238	2517	≤0.124	≤0.206	3.5	325	250	345	270
4 x 185	1.6	3.0	51	7562	3091	≤0.0991	≤0.164	3.5	375	295	390	305
4 x 240	1.7	3.0	57	9836	3825	≤0.0754	≤0.125	3.5	440	345	450	355
4 x 300	1.8	3.0	59	12550	4830	≤0.0601	≤0.100	3.5	505	395	515	400
4 x 400	2.0	3.0	62	15929	5840	≤0.0470	≤0.0778	3.5	570	445	575	445
3x4+1x2.5	0.7	1.5	13	236	147	≤4.61	≤7.41	3.5	34	27	45	36
3x6+1x4	0.7	1.5	14	316	184	≤3.08	≤4.61	3.5	43	35	57	46
3x10+1x6	0.7	1.5	16	461	234	≤1.83	≤3.08	3.5	60	47	77	59
3x16+1x10	0.7	1.5	18	679	322	≤1.15	≤1.91	3.5	83	64	105	80
3x25+1x16	0.9	2.0	22	1065	505	≤0.727	≤1.20	3.5	105	82	125	100
3x35+1x16	0.9	2.0	24	1360	615	≤0.524	≤0.868	3.5	125	100	155	120
3x50+1x25	1.0	2.0	28	1901	816	≤0.387	≤0.641	3.5	160	125	185	145
3x70+1x35	1.1	2.0	31	2585	1085	≤0.268	≤0.443	3.5	200	155	225	175
3x95+1x50	1.1	2.0	36	3518	1440	≤0.193	≤0.320	3.5	245	200	270	210
3x120+1x70	1.2	2.5	40	4443	1766	≤0.153	≤0.253	3.5	285	220	310	240
3x150+1x70	1.4	2.5	44	5326	2100	≤0.124	≤0.206	3.5	325	250	345	270
3x185+1x95	1.6	3.0	48	6682	2650	≤0.0991	≤0.164	3.5	375	295	390	305
3x240+1x120	1.7	3.0	53	8501	3291	≤0.0754	≤0.125	3.5	440	345	450	355
3x300+1x150	1.8	3.1	57	11155	4440	≤0.0601	≤0.100	3.5	505	395	515	400
3x400+1x240	2.0	3.1	60	14470	5392	≤0.0470	≤0.0778	3.5	570	445	575	445
3x4+2x2.5	0.7	1.5	13.9	309	202	≤4.61	≤7.41	3.5	34	27	45	36
3x6+2x4	0.7	1.5	15.3	413	219	≤3.08	≤4.61	3.5	43	35	57	46
3x10+2x6	0.7	1.5	18.2	603	338	≤1.83	≤3.08	3.5	60	47	77	59
3x16+2x10	0.7	1.5	21.0	888	460	≤1.15	≤1.91	3.5	83	64	105	80
3x25+2x16	0.9	2.0	25.1	1342	668	≤0.727	≤1.20	3.5	105	82	125	100
3x35+2x16	0.9	2.0	27.1	1647	784	≤0.524	≤0.868	3.5	125	100	155	120
3x50+2x25	1.0	2.0	31.6	2366	1126	≤0.387	≤0.641	3.5	160	125	185	145
3x70+2x35	1.1	2.0	35.7	3201	1437	≤0.268	≤0.443	3.5	200	155	225	175
3x95+2x50	1.1	2.0	40.4	4269	1845	≤0.193	≤0.320	3.5	245	200	270	210
3x120+2x70	1.2	2.5	45.4	5437	2287	≤0.153	≤0.253	3.5	285	220	310	240
3x150+2x70	1.4	2.5	49	6519	2802	≤0.124	≤0.206	3.5	325	250	345	270
3x185+2x95	1.6	3.0	55.0	8101	3420	≤0.0991	≤0.164	3.5	375	295	390	305
3x240+2x120	1.7	3.0	61.8	10340	4292	≤0.0754	≤0.125	3.5	440	345	450	355
3x300+2x150	1.8	3.1	68.6	12810	5250	≤0.0601	≤0.100	3.5	505	395	515	400
4x4+1x2.5	0.7	1.5	14.5	331	214	≤4.61	≤7.41	3.5	34	27	45	36
4x6+1x4	0.7	1.5	15.9	435	259	≤3.08	≤4.61	3.5	43	35	57	46
4x10+1x6	0.7	1.5	18.9	649	359	≤1.83	≤3.08	3.5	60	47	77	59
4x16+1x10	0.7	1.5	21.9	965	499	≤1.15	≤1.91	3.5	83	64	105	80
4x25+1x16	0.9	2.0	26.2	1456	725	≤0.727	≤1.20	3.5	105	82	125	100
4x35+1x16	0.9	2.0	28.8	1863	882	≤0.524	≤0.868	3.5	125	100	155	120
4x50+1x25	1.0	2.0	33.4	2633	1216	≤0.387	≤0.641	3.5	160	125	185	145
4x70+1x35	1.1	2.0	38.8	3565	1581	≤0.268	≤0.443	3.5	200	155	225	175
4x95+1x50	1.1	2.0	44.1	4735	2028	≤0.193	≤0.320	3.5	245	200	270	210
4x120+1x70	1.2	2.5	4.5	5977	2512	≤0.153	≤0.253	3.5	285	220	310	240
4x150+1x70	1.4	2.5	54.1	7276	3055	≤0.124	≤0.206	3.5	325	250	345	270
4x185+1x95	1.6	3.0	60.5	9055	3797	≤0.0991	≤0.164	3.5	375	295	390	305
4x240+1x120	1.7	3.0	68.2	11567	4763	≤0.0754	≤0.125	3.5	440	345	450	355
4x300+1x150	1.8	3.1	75.1	14321	5816	≤0.0601	≤0.100	3.5	505	395	515	400
5 x 4	0.7	1.5	14.5	349	223	≤4.61	≤7.41	3.5	34	27	45	36
5 x 6	0.7	1.5	15.8	460	271	≤3.08	≤4.61	3.5	43	35	57	46
5 x 10	0.7	1.5	19.3	699	384	≤1.83	≤3.08	3.5	60	47	77	59

## CE,CEL,SC<sub>1A</sub>-CE,SC<sub>1A</sub>-CEL power cable

Nominal cross sectional area of conductor	Insulation thickness	Sheath thickness	Approx. overall diameter	Approx weight of cable		D.C resistance of conductor		Testing voltage A.C of conductor	Current rating			
				kg/km		Ω/km			In air(A)		Direct in soil(A)	
				Cu	Al	Cu	Al		Cu	Al	Cu	Al
1 x 1.5	0.7	1.5	6	53	-	≤12.1	-	3.5	26	-	33	-
1 x 2.5	0.7	1.5	6	68	53	≤7.41	≤12.1	3.5	34	26	43	32
1 x 4	0.7	1.5	7	87	64	≤4.61	≤7.41	3.5	44	35	56	42
1 x 6	0.7	1.5	7	110	73	≤3.08	≤4.61	3.5	56	45	70	54
1 x 10	0.7	1.5	8	155	95	≤1.83	≤3.08	3.5	77	59	94	69
1 x 16	0.7	1.5	9	220	120	≤1.15	≤1.91	3.5	100	78	120	90
1 x 25	0.9	1.5	10	345	190	≤0.727	≤1.20	3.5	130	100	155	115
1 x 35	0.9	1.5	12	424	207	≤0.524	≤0.868	3.5	160	125	185	135
1 x 50	1.0	1.5	13	555	245	≤0.387	≤0.641	3.5	195	150	220	165
1 x 70	1.1	1.5	14	770	336	≤0.268	≤0.443	3.5	245	190	270	200
1 x 95	1.1	1.5	16	1040	433	≤0.193	≤0.320	3.5	300	230	320	240
1 x 120	1.2	1.5	18	1290	550	≤0.153	≤0.253	3.5	350	370	365	275
1 x 150	1.4	2.0	21	1590	650	≤0.124	≤0.206	3.5	400	310	410	310
1 x 185	1.6	2.0	23	1944	804	≤0.0991	≤0.164	3.5	465	360	465	355
1 x 240	1.7	2.0	25	2510	1021	≤0.0754	≤0.125	3.5	550	430	540	410
1 x 300	1.8	2.0	34	3042	1160	≤0.0601	≤0.100	3.5	635	495	610	465
1 x 400	2.0	2.1	37	3869	1469	≤0.0470	≤0.0778	3.5	745	590	695	535
1 x 500	2.2	2.2	41	4910	1829	≤0.0366	≤0.0605	3.5	860	685	780	610
1 x 630	2.4	2.3	45	6220	2305	≤0.0283	≤0.0469	3.5	990	800	880	695
1 x 800	2.6	2.4	46	7870	2910	≤0.0221	≤0.0367	3.5	1120	930	970	785
1 x 1000	2.8	2.6	51	9804	3604	≤0.0176	≤0.0291	3.5	1260	1050	1060	875
2 x 2.5	0.7	1.8	11.8	151	118	≤7.41	≤12.1	3.5	26	20	35	27
2 x 4	0.7	1.8	12.7	198	146	≤4.61	≤7.41	3.5	34	27	45	36
2 x 6	0.7	1.8	13.7	250	173	≤3.08	≤4.61	3.5	43	35	57	46
2 x 10	0.7	1.8	16.3	374	245	≤1.83	≤3.08	3.5	60	47	77	59
2 x 16	0.7	1.8	18.4	518	312	≤1.15	≤1.91	3.5	83	64	105	80
2 x 25	0.9	1.8	18.2	772	450	≤0.727	≤1.20	3.5	105	82	125	100
2 x 35	0.9	1.8	20.2	1006	556	≤0.524	≤0.868	3.5	125	100	155	120
2 x 50	1.0	1.8	22.2	1365	722	≤0.387	≤0.641	3.5	160	128	185	145
2 x 70	1.1	1.8	24.8	1872	972	≤0.268	≤0.443	3.5	200	155	225	175
2 x 95	1.1	1.8	27.4	2475	1253	≤0.193	≤0.320	3.5	245	200	270	210
2 x 120	1.2	1.9	30.0	3089	1545	≤0.153	≤0.253	3.5	285	220	310	240
2 x 150	1.4	2.0	33.2	3834	1905	≤0.124	≤0.206	3.5	325	250	345	270
3 x 1.5	0.7	1.5	10	145	-	≤12.1	-	3.5	20	-	27	-
3 x 2.5	0.7	1.5	12	185	140	≤7.41	≤12.1	3.5	26	20	35	27
3 x 4	0.7	1.5	13	250	175	≤4.61	≤7.41	3.5	34	27	45	36
3 x 6	0.7	1.5	13	320	210	≤3.08	≤4.61	3.5	43	35	57	46
3 x 10	0.7	1.5	15	450	260	≤1.83	≤3.08	3.5	60	47	77	59
3 x 16	0.7	1.5	17	640	340	≤1.15	≤1.91	3.5	83	64	105	80
3 x 25	0.9	2.0	21	940	470	≤0.727	≤1.20	3.5	105	82	125	100
3 x 35	0.9	2.0	23	1260	600	≤0.524	≤0.868	3.5	125	100	155	120
3 x 50	1.0	2.0	27	1670	730	≤0.387	≤0.641	3.5	160	125	185	145
3 x 70	1.1	2.0	30	2280	970	≤0.268	≤0.443	3.5	200	155	225	175
3 x 95	1.1	2.0	34	3020	1240	≤0.193	≤0.320	3.5	245	200	270	210
3 x 120	1.2	2.5	38	3790	1540	≤0.153	≤0.253	3.5	285	220	310	240
3 x 150	1.4	2.5	42	4750	1940	≤0.124	≤0.206	3.5	325	250	345	270
3 x 185	1.6	2.5	45	5654	2248	≤0.0991	≤0.164	3.5	375	295	390	305
3 x 240	1.7	3.0	51	7243	2723	≤0.0754	≤0.125	3.5	440	345	450	355
3 x 300	1.8	3.0	52	9465	3675	≤0.0601	≤0.100	3.5	505	395	515	400
3 x 400	2.0	3.0	54	12066	4506	≤0.0470	≤0.0778	3.5	570	445	545	445
4 x 4	0.7	1.5	13	253	155	≤4.61	≤7.41	3.5	34	27	45	36
4 x 6	0.7	1.5	14	337	184	≤3.08	≤4.61	3.5	43	35	57	46
4 x 10	0.7	1.5	16	501	258	≤1.83	≤3.08	3.5	60	47	77	59
4 x 16	0.7	2.0	19	778	366	≤1.15	≤1.91	3.5	83	64	105	80
4 x 25	0.7	2.0	22	1160	540	≤0.727	≤1.20	3.5	105	82	125	100
4 x 35	0.9	2.0	25	1554	686	≤0.524	≤0.868	3.5	125	100	155	120
4 x 50	1.0	2.0	28	2148	907	≤0.387	≤0.641	3.5	160	125	15	145
4 x 70	1.1	2.0	32	2928	1192	≤0.263	≤0.443	3.5	200	155	225	175



**CE,CEL,SC<sub>1A</sub>-CE,SC<sub>1A</sub>-CEL power cable**

Nominal cross sectional area of conductor	Insulation thickness	Sheath thickness	Approx. overall diameter	Approx weight of cable		D.C resistance of conductor		Testing voltage A.C of conductor	Current rating			
				kg/km		Ω/km			In air(A)		Direct in soil(A)	
				Cu	Al	Cu	Al		Cu	Al	Cu	Al
5 x 16	0.7	2.0	22.2	1013	509	≤1.15	≤1.91	3.5	83	64	105	80
5 x 25	0.7	2.0	26.9	1566	779	≤0.727	≤1.20	3.5	105	82	125	100
5 x 35	0.9	2.0	29.9	2083	981	≤0.524	≤0.868	3.5	125	100	155	120
5 x 50	1.0	2.0	34.2	2921	1346	≤0.387	≤0.641	3.5	160	125	185	145
5 x 70	1.1	2.0	38.8	3974	1769	≤0.268	≤0.443	3.5	200	155	225	175
5 x 95	1.1	2.5	44.0	5297	1807	≤0.193	≤0.320	3.5	245	200	270	210
5 x 120	1.2	2.5	49.4	6638	2858	≤0.153	≤0.253	3.5	285	220	310	240
5 x 150	1.4	3.0	54.9	8290	3565	≤0.124	≤0.206	3.5	325	250	345	270
5 x 185	1.6	3.0	61.3	10215	4390	≤0.0991	≤0.164	3.5	375	295	390	305
5 x 240	1.8	3.0	68.8	13130	5570	≤0.0754	≤0.125	3.5	440	345	450	355
5 x 300	1.8	3.0	76.0	16670	7220	≤0.0601	≤0.100	3.5	505	395	515	400

## CE,CEL,SC<sub>1A</sub>-CE,SC<sub>1A</sub>-CEL power cable

Nominal cross sectional area of conductor	Insulation thickness	Sheath thickness	Approx. overall diameter	Approx weight of cable		D.C resistance of conductor		Testing voltage A.C of conductor	Current rating			
				kg/km		Ω/km			In air(A)		Direct in soil(A)	
				Cu	Al	Cu	Al		Cu	Al	Cu	Al
1 x 1.5	0.7	1.5	6	53	-	≤12.1	-	3.5	26	-	33	-
1 x 2.5	0.7	1.5	6	68	53	≤7.41	≤12.1	3.5	34	26	43	32
1 x 4	0.7	1.5	7	87	64	≤4.61	≤7.41	3.5	44	35	56	42
1 x 6	0.7	1.5	7	110	73	≤3.08	≤4.61	3.5	56	45	70	54
1 x 10	0.7	1.5	8	155	95	≤1.83	≤3.08	3.5	77	59	94	69
1 x 16	0.7	1.5	9	220	120	≤1.15	≤1.91	3.5	100	78	120	90
1 x 25	0.9	1.5	10	345	190	≤0.727	≤1.20	3.5	130	100	155	115
1 x 35	0.9	1.5	12	424	207	≤0.524	≤0.868	3.5	160	125	185	135
1 x 50	1.0	1.5	13	555	245	≤0.387	≤0.641	3.5	195	150	220	165
1 x 70	1.1	1.5	14	770	336	≤0.268	≤0.443	3.5	245	190	270	200
1 x 95	1.1	1.5	16	1040	433	≤0.193	≤0.320	3.5	300	230	320	240
1 x 120	1.2	1.5	18	1290	550	≤0.153	≤0.253	3.5	350	370	365	275
1 x 150	1.4	2.0	21	1590	650	≤0.124	≤0.206	3.5	400	310	410	310
1 x 185	1.6	2.0	23	1944	804	≤0.0991	≤0.164	3.5	465	360	465	355
1 x 240	1.7	2.0	25	2510	1021	≤0.0754	≤0.125	3.5	550	430	540	410
1 x 300	1.8	2.0	34	3042	1160	≤0.0601	≤0.100	3.5	635	495	610	465
1 x 400	2.0	2.1	37	3869	1469	≤0.0470	≤0.0778	3.5	745	590	695	535
1 x 500	2.2	2.2	41	4910	1829	≤0.0366	≤0.0605	3.5	860	685	780	610
1 x 630	2.4	2.3	45	6220	2305	≤0.0283	≤0.0469	3.5	990	800	880	695
1 x 800	2.6	2.4	46	7870	2910	≤0.0221	≤0.0367	3.5	1120	930	970	785
1 x 1000	2.8	2.6	51	9804	3604	≤0.0176	≤0.0291	3.5	1260	1050	1060	875
2 x 2.5	0.7	1.8	11.8	151	118	≤7.41	≤12.1	3.5	26	20	35	27
2 x 4	0.7	1.8	12.7	198	146	≤4.61	≤7.41	3.5	34	27	45	36
2 x 6	0.7	1.8	13.7	250	173	≤3.08	≤4.61	3.5	43	35	57	46
2 x 10	0.7	1.8	16.3	374	245	≤1.83	≤3.08	3.5	60	47	77	59
2 x 16	0.7	1.8	18.4	518	312	≤1.15	≤1.91	3.5	83	64	105	80
2 x 25	0.9	1.8	18.2	772	450	≤0.727	≤1.20	3.5	105	82	125	100
2 x 35	0.9	1.8	20.2	1006	556	≤0.524	≤0.868	3.5	125	100	155	120
2 x 50	1.0	1.8	22.2	1365	722	≤0.387	≤0.641	3.5	160	128	185	145
2 x 70	1.1	1.8	24.8	1872	972	≤0.268	≤0.443	3.5	200	155	225	175
2 x 95	1.1	1.8	27.4	2475	1253	≤0.193	≤0.320	3.5	245	200	270	210
2 x 120	1.2	1.9	30.0	3089	1545	≤0.153	≤0.253	3.5	285	220	310	240
2 x 150	1.4	2.0	33.2	3834	1905	≤0.124	≤0.206	3.5	325	250	345	270
3 x 1.5	0.7	1.5	10	145	-	≤12.1	-	3.5	20	-	27	-
3 x 2.5	0.7	1.5	12	185	140	≤7.41	≤12.1	3.5	26	20	35	27
3 x 4	0.7	1.5	13	250	175	≤4.61	≤7.41	3.5	34	27	45	36
3 x 6	0.7	1.5	13	320	210	≤3.08	≤4.61	3.5	43	35	57	46
3 x 10	0.7	1.5	15	450	260	≤1.83	≤3.08	3.5	60	47	77	59
3 x 16	0.7	1.5	17	640	340	≤1.15	≤1.91	3.5	83	64	105	80
3 x 25	0.9	2.0	21	940	470	≤0.727	≤1.20	3.5	105	82	125	100
3 x 35	0.9	2.0	23	1260	600	≤0.524	≤0.868	3.5	125	100	155	120
3 x 50	1.0	2.0	27	1670	730	≤0.387	≤0.641	3.5	160	125	185	145
3 x 70	1.1	2.0	30	2280	970	≤0.268	≤0.443	3.5	200	155	225	175
3 x 95	1.1	2.0	34	3020	1240	≤0.193	≤0.320	3.5	245	200	270	210
3 x 120	1.2	2.5	38	3790	1540	≤0.153	≤0.253	3.5	285	220	310	240
3 x 150	1.4	2.5	42	4750	1940	≤0.124	≤0.206	3.5	325	250	345	270
3 x 185	1.6	2.5	45	5654	2248	≤0.0991	≤0.164	3.5	375	295	390	305
3 x 240	1.7	3.0	51	7243	2723	≤0.0754	≤0.125	3.5	440	345	450	355
3 x 300	1.8	3.0	52	9465	3675	≤0.0601	≤0.100	3.5	505	395	515	400
3 x 400	2.0	3.0	54	12066	4506	≤0.0470	≤0.0778	3.5	570	445	545	445
4 x 4	0.7	1.5	13	253	155	≤4.61	≤7.41	3.5	34	27	45	36
4 x 6	0.7	1.5	14	337	184	≤3.08	≤4.61	3.5	43	35	57	46
4 x 10	0.7	1.5	16	501	258	≤1.83	≤3.08	3.5	60	47	77	59
4 x 16	0.7	2.0	19	778	366	≤1.15	≤1.91	3.5	83	64	105	80
4 x 25	0.7	2.0	22	1160	540	≤0.727	≤1.20	3.5	105	82	125	100
4 x 35	0.9	2.0	25	1554	686	≤0.524	≤0.868	3.5	125	100	155	120
4 x 50	1.0	2.0	28	2148	907	≤0.387	≤0.641	3.5	160	125	15	145
4 x 70	1.1	2.0	32	2928	1192	≤0.263	≤0.443	3.5	200	155	225	175



## CE<sub>2</sub>,CEL<sub>2</sub>,SC<sub>1A</sub>-CE<sub>2</sub>,SC<sub>1A</sub>-CEL<sub>2</sub> steel tape power cable

Nominal Cross sectional area of conductor	Insulation thickness	Inner sheath thickness	Steel thickness	Sheath thickness	Approx. overall diameter of cable	Approx weight of cable		D.C resistance of conductor		Testing voltage A.C	Current rating			
						kg/km		Ω/km			In air(A)		Direct in soil(A)	
						Cu	Al	Cu	Al		Cu	Al	Cu	Al
2 x 4	0.7	1.2	2x0.3	1.8	15.7	433	381	≤4.61	≤7.41	3.5	34	27	46	36
2 x 6	0.7	1.2	2x0.3	1.8	16.7	500	422	≤3.08	≤4.61	3.5	43	35	57	46
2 x 10	0.7	1.4	2x0.3	1.8	19.3	673	544	≤1.83	≤3.08	3.5	60	47	77	59
2 x 16	0.7	1.4	2x0.3	1.8	21.4	857	651	≤1.15	≤1.91	3.5	83	64	105	80
2 x 25	0.9	1.6	2x0.3	1.8	21.2	1173	851	≤0.727	≤1.20	3.5	105	82	125	100
2 x 35	0.9	1.6	2x0.3	1.8	23.2	1449	998	≤0.524	≤0.868	3.5	125	100	155	120
2 x 50	1.0	1.8	2x0.3	1.8	25.0	1877	1234	≤0.387	≤0.641	3.5	160	125	185	145
2 x 70	1.1	1.8	2x0.3	1.8	27.8	2454	1554	≤0.268	≤0.443	3.5	200	155	225	175
2 x 95	1.1	2.0	2x0.3	1.9	30.8	2483	2261	≤0.193	≤0.320	3.5	245	200	270	210
2 x 120	1.2	2.0	2x0.3	2.0	33.4	4213	2669	≤0.153	≤0.253	3.5	285	220	270	210
2 x 150	1.4	2.0	2x0.5	2.2	38.2	5087	3158	≤0.124	≤0.206	3.5	325	250	345	270
3 x 1.5	0.7	1.0	2x0.3	1.5	13	273	-	≤12.1	-	3.5	20	-	27	-
3 x 2.5	0.7	1.2	2x0.3	1.5	14	321	275	≤7.41	≤12.1	3.5	26	20	35	27
3 x 4	0.7	1.2	2x0.3	1.5	15	390	315	≤4.61	≤7.41	3.5	34	27	45	36
3 x 6	0.7	1.2	2x0.3	1.5	16	471	360	≤3.08	≤4.61	3.5	43	35	57	46
3 x 10	0.7	1.4	2x0.3	1.5	18	622	433	≤1.83	≤3.08	3.5	60	47	77	59
3 x 16	0.7	1.4	2x0.5	2.0	22	1005	705	≤1.15	≤1.91	3.5	83	64	105	80
3 x 25	0.9	1.6	2x0.5	2.0	25	1371	898	≤0.727	≤1.20	3.5	105	82	125	100
3 x 35	0.9	1.6	2x0.5	2.0	27	1724	1061	≤0.524	≤0.868	3.5	125	100	155	120
3 x 50	1.0	1.8	2x0.5	2.0	30	2247	1300	≤0.387	≤0.641	3.5	160	125	185	145
3 x 70	1.1	1.8	2x0.5	2.5	35	3023	1697	≤0.268	≤0.443	3.5	200	155	225	175
3 x 95	1.1	2.0	2x0.5	2.5	39	3825	2026	≤0.193	≤0.320	3.5	245	200	270	210
3 x 120	1.2	2.0	2x0.5	2.5	42	4642	2370	≤0.153	≤0.253	3.5	285	220	310	240
3 x 150	1.4	2.0	2x0.5	3.0	48	5767	2926	≤0.124	≤0.206	3.5	325	250	345	270
3 x 185	1.6	2.2	2x0.5	3.0	51	6895	3391	≤0.0991	≤0.164	3.5	375	295	390	305
3 x 240	1.7	2.2	2x0.5	3.0	56	8617	4072	≤0.0754	≤0.125	3.5	440	345	450	355
3 x 300	1.8	2.2	2x0.5	3.0	59	10928	5139	≤0.0601	≤0.100	3.5	505	395	515	400
3 x 400	2.0	2.2	2x0.5	3.2	61	13556	6629	≤0.0470	≤0.0778	3.5	570	445	575	445
4 x 4	0.7	1.0	2x0.3	1.5	16	454	354	≤4.61	≤7.41	3.5	34	27	45	36
4 x 6	0.7	1.0	2x0.3	1.5	17	557	409	≤3.08	≤4.61	3.5	43	35	57	46
4 x 10	0.7	1.0	2x0.3	2.0	20	791	539	≤1.83	≤3.08	3.5	60	47	77	59
4 x 16	0.7	1.0	2x0.5	2.0	23	1210	810	≤1.15	≤1.91	3.5	83	64	105	80
4 x 25	0.9	1.0	2x0.5	2.0	27	1672	1041	≤0.727	≤1.20	3.5	105	82	125	100
4 x 35	0.9	1.0	2x0.5	2.0	29	2127	1243	≤0.524	≤0.868	3.5	125	100	155	120
4 x 50	1.0	1.0	2x0.5	2.0	33	2802	1539	≤0.387	≤0.641	3.5	160	125	185	145
4 x 70	1.1	1.2	2x0.5	2.5	38	3785	2017	≤0.268	≤0.443	3.5	200	155	225	175
4 x 95	1.1	1.2	2x0.5	2.5	42	4829	2430	≤0.193	≤0.320	3.5	245	200	287	210
4 x 120	1.2	1.4	2x0.5	3.0	47	6033	3003	≤0.153	≤0.253	3.5	285	220	310	240
4 x 150	1.4	1.4	2x0.5	3.0	52	7356	3568	≤0.124	≤0.206	3.5	325	250	345	270
4 x 185	1.6	1.6	2x0.5	3.0	56	8808	4134	≤0.0991	≤0.164	3.5	375	295	390	305
4 x 240	1.7	1.6	2x0.5	3.0	62	11182	5122	≤0.0754	≤0.125	3.5	440	345	450	355
4 x 300	1.8	1.7	2x0.5	3.1	64	14176	6456	≤0.0601	≤0.100	3.5	505	395	515	400
4 x 400	2.0	1.7	2x0.5	3.5	69	17815	7735	≤0.0470	≤0.0778	3.5	570	445	575	445
3x4+1x2.5	0.7	1.0	2x0.3	1.5	16	443	336	≤4.61	≤7.41	3.5	34	27	45	36
3x6+1x4	0.7	1.0	2x0.3	1.5	17	531	402	≤3.08	≤4.61	3.5	43	35	57	46
3x10+1x6	0.7	1.0	2x0.3	2.0	20	741	521	≤1.83	≤3.08	3.5	60	47	77	59
3x16+1x10	0.7	1.0	2x0.5	2.0	23	1135	785	≤1.15	≤1.91	3.5	83	64	105	80
3x25+1x16	0.9	1.0	2x0.5	2.0	26	1556	1004	≤0.727	≤1.20	3.5	105	82	125	100
3x35+1x16	0.9	1.0	2x0.5	2.0	28	1896	1132	≤0.524	≤0.868	3.5	125	100	155	120
3x50+1x25	1.0	1.0	2x0.5	2.0	31	2518	1412	≤0.387	≤0.641	3.5	160	125	185	145
3x70+1x35	1.1	1.2	2x0.5	2.5	36	3293	1846	≤0.268	≤0.443	3.5	200	155	225	175
3x95+1x50	1.1	1.2	2x0.5	2.5	40	4349	2250	≤0.193	≤0.320	3.5	245	200	270	210

## CE<sub>2</sub>,CEL<sub>2</sub>,SC<sub>1A</sub>-CE<sub>2</sub>,SC<sub>1A</sub>-CEL<sub>2</sub> steel tape power cable

Nominal Cross sectional area of conductor	Insulation thickness	Inner sheath thickness	Steel thickness	Sheath thickness	Approx. overall diameter of cable	Approx weight of cable		D.C resistance of conductor		Testing voltage A.C	Current rating			
						kg/km		Ω/km			In air(A)		Direct in soil(A)	
						Cu	Al	Cu	Al		Cu	Al	Cu	Al
3x120+1x70	1.2	1.2	2x0.5	2.5	44	5365	2714	≤0.153	≤0.253	3.5	285	220	310	240
3x150+1x70	1.4	1.4	2x0.5	3.0	49	6468	3154	≤0.124	≤0.206	3.5	325	250	345	270
3x185+1x95	1.6	1.4	2x0.5	3.0	52	7854	3765	≤0.0991	≤0.164	3.5	375	295	390	305
3x240+1x120	1.7	1.6	2x0.5	3.5	68	9814	4512	≤0.0754	≤0.125	3.5	440	345	450	355
3x300+1x150	1.8	1.7	2x0.5	3.5	71	12781	6066	≤0.0601	≤0.100	3.5	505	395	515	400
3x400+1x240	2.0	1.7	2x0.5	3.5	76	16359	7287	≤0.0470	≤0.0778	3.5	570	445	575	445
3x4+2x2.5	0.7	1.0	2x0.3	1.5	17.5	855	748	≤4.61	≤7.41	3.5	34	27	45	36
3x6+2x4	0.7	1.0	2x0.3	1.5	18.9	1009	815	≤3.08	≤4.61	3.5	43	35	57	46
3x10+2x6	0.7	1.0	2x0.3	2.0	21.6	1461	1196	≤1.83	≤3.08	3.5	60	47	77	59
3x16+2x10	0.7	1.0	2x0.5	2.0	24.6	1877	1449	≤1.15	≤1.91	3.5	83	64	105	80
3x25+2x16	0.9	1.0	2x0.5	2.0	28.7	2583	1909	≤0.727	≤1.20	3.5	105	82	125	100
3x35+2x16	0.9	1.0	2x0.5	2.0	30.7	3001	2138	≤0.524	≤0.868	3.5	125	100	155	120
3x50+2x25	1.0	1.0	2x0.5	2.0	36.2	4392	3132	≤0.387	≤0.641	3.5	160	125	185	145
3x70+2x35	1.1	1.2	2x0.5	2.5	40.3	5519	3755	≤0.268	≤0.443	3.5	200	155	225	175
3x95+2x50	1.1	1.2	2x0.5	2.5	44.9	7543	5119	≤0.193	≤0.320	3.5	245	200	270	210
3x120+2x70	1.2	1.2	2x0.5	3.0	50.3	9203	6053	≤0.153	≤0.253	3.5	285	220	310	240
3x150+2x70	1.4	1.4	2x0.5	3.0	54.0	10485	6768	≤0.124	≤0.206	3.5	325	250	345	270
3x185+2x95	1.6	1.4	2x0.5	3.0	60.2	13945	9264	≤0.0991	≤0.164	3.5	375	295	390	305
3x240+2x120	1.7	1.6	2x0.5	3.5	67.2	15643	9597	≤0.0754	≤0.125	3.5	440	345	450	355
3x300+2x150	1.8	1.7	2x0.5	3.5	75.2	18204	10649	≤0.0601	≤0.100	3.5	505	395	515	400
4x4+1x2.5	0.7	1.0	2x0.3	1.5	18.4	565	448	≤4.61	≤7.41	3.5	34	27	45	36
4x6+1x4	0.7	1.0	2x0.3	1.5	19.8	692	516	≤3.08	≤4.61	3.5	43	35	57	46
4x10+1x6	0.7	1.0	2x0.3	2.0	22.8	953	663	≤1.83	≤3.08	3.5	60	47	77	59
4x16+1x10	0.7	1.0	2x0.5	2.0	25.8	1318	852	≤1.15	≤1.91	3.5	83	64	105	80
4x25+1x16	0.9	1.0	2x0.5	2.0	30.4	1877	1146	≤0.727	≤1.20	3.5	105	82	125	100
4x35+1x16	0.9	1.0	2x0.5	2.0	34.1	2324	1343	≤0.524	≤0.868	3.5	125	100	155	120
4x50+1x25	1.0	1.0	2x0.5	2.0	38.7	3415	1998	≤0.387	≤0.641	3.5	160	125	185	145
4x70+1x35	1.1	1.2	2x0.5	2.5	44.2	4432	2448	≤0.268	≤0.443	3.5	200	155	225	175
4x95+1x50	1.1	1.2	2x0.5	2.5	49.8	5747	3040	≤0.193	≤0.320	3.5	245	200	270	210
4x120+1x70	1.2	1.2	2x0.5	2.5	55.4	7112	3647	≤0.153	≤0.253	3.5	285	220	310	240
4x150+1x70	1.1	1.2	2x0.5	3.0	60.1	8556	4335	≤0.124	≤0.206	3.5	325	250	345	270
4x185+1x95	1.6	1.4	2x0.5	3.0	66.9	10510	5252	≤0.0991	≤0.164	3.5	375	295	390	305
4x240+1x120	1.7	1.6	2x0.5	3.5	74.8	13232	6428	≤0.0754	≤0.125	3.5	440	345	450	355
4x300+1x150	1.8	1.7	2x0.5	3.5	78.4	16452	7947	≤0.0601	≤0.100	3.5	505	395	515	400
5 x 4	0.7	1.0	2x0.3	1.5	18.1	588	462	≤4.61	≤7.41	3.5	34	27	45	36
5 x 6	0.7	1.0	2x0.3	1.5	19.4	720	531	≤3.08	≤4.61	3.5	43	35	57	46
5 x 10	0.7	1.0	2x0.3	2.0	22.9	1014	69	≤1.83	≤3.08	3.5	60	47	77	59
5 x 16	0.7	1.0	2x0.5	2.0	25.8	1392	888	≤1.15	≤1.91	3.5	83	64	105	80
5 x 25	0.9	1.0	2x0.5	2.0	30.5	2002	1215	≤0.727	≤1.20	3.5	105	82	125	100
5 x 35	0.9	1.0	2x0.5	2.0	33.7	2581	1479	≤0.524	≤0.868	3.5	125	100	155	120
5 x 50	1.0	1.0	2x0.5	2.0	38.6	3722	2147	≤0.387	≤0.641	3.5	160	125	185	145
5 x 70	1.1	1.2	2x0.5	2.5	43.4	4897	2697	≤0.268	≤0.443	3.5	200	155	225	175
5 x 95	1.1	1.2	2x0.5	2.5	48.6	6338	3586	≤0.193	≤0.320	3.5	245	200	287	210
5 x 120	1.2	1.4	2x0.5	3.0	54.4	7851	4070	≤0.153	≤0.253	3.5	285	220	310	240
5 x 150	1.4	1.4	2x0.5	3.0	60.1	9661	4936	≤0.124	≤0.206	3.5	325	250	345	270
5 x 185	1.6	1.6	2x0.5	3.0	66.7	11770	5945	≤0.0991	≤0.164	3.5	375	295	390	305
5 x 240	1.7	1.6	2x0.5	3.0	74.7	14900	7340	≤0.0754	≤0.125	3.5	440	345	450	355
5 x 300	1.8	1.7	2x0.5	3.1	83.2	18000	8550	≤0.0601	≤0.100	3.5	505	395	515	400