PT SUPREME CABLE
MANUFACTURING & COMMERCE Tbk
(PT SUCACO Tbk)

Cert. No. : ID16/03504 Cert. No. : ID05/66527 Cert. No. : ID14/02708

Low Voltage XLPE Insulated Armour Cables

Low Voltage XLPE Insulated Armour Cables

PT SUCACO Tbk

Company Background

Specializing in the cable business since 1970, PT SUPREME CABLE MANUFACTURING & COMMERCE Tbk. (PT SUCACO Tbk.) has grown steadly to become a largest and leading cable manufacturer, with international reputation for quality and reliability. Established in 1970, PT SUCACO Tbk. is a pioneer in the modern industry. With technical assistance from Furukawa Electric Co Ltd. Japan and International Executives Service Corp, USA, the company began commercial operations in 1972.

We produce and markets power cable up to 150 kV, optical and telecommunication cables, control cables, instrumentation cables, coaxial cables, aluminium bare over head conductors and enamelled wires under brand name of " SUPREME ". The Company is also involved through its affiliated companies, in various line of business. The company has a Quality Assurance Program and ISO 9001 certificate from SGS international certification body of quality management system, ISO 14001 for environment management system and ISO 18001 for safety management system. Today, PT SUCACO Tbk. has grown to become a reliable partner in infrastructures, buildings and various projects.


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Low Voltage Cables

Cu/XLPE/DATA/PVC (N2XBY) 0.6/1(1.2) kV

SPLN 43-8/IEC 60502-1

Copper conductor, XLPE insulated, double aluminium tape armoured and PVC sheathed cable

Main uses : Used for indoor dan outdoor installation direct burial, preferably used where considerable mechanical strees must be envisage

DIMENSIONAL & MECHANICAL DATA **1 Core**

Nominal cross-sectional area	No of wire and conductor shape		Nominal Thickness			Approximately			Bending diameter min	Standard delivery length
			Insulation	AL tape armour	Outer Sheath	Inner Sheath diameter	Overall Diameter	Net Weight		
mm²	pcs	-	mm			mm		Kg/Km	mm	m
10	7	rm	0.7	0.5	1.8	12	18	474	330	1,000
16	7	rm	0.7	0.5	1.8	12	18	512	340	1,000
25	7	rm	0.9	0.5	1.8	12	18	569	360	1,000
35	7	rm	0.9	0.5	1.8	12	18	634	380	1,000
50	19	rm	1.0	0.5	1.8	13.5	20	779	420	1,000
70	19	rm	1.1	0.5	1.8	15.5	22	1,024	480	1,000
95	19	rm	1.1	0.5	1.8	17.6	24	1,314	540	1,000
120	37	rm	1.2	0.5	1.8	19.4	26	1,588	590	1,000
150	37	rm	1.4	0.5	1.8	21.4	28	1,900	640	1,000
185	37	rm	1.6	0.5	1.9	23.7	31	2,324	710	1,000
240	61	rm	1.7	0.5	2.0	26.8	34	2,955	790	1,000
300	61	rm	1.8	0.5	2.1	29.4	37	3,612	870	1,000
400	61	rm	2.0	0.5	2.3	32.9	41	4,523	970	500
500	61	rm	2.2	0.5	2.4	36.7	45	5,615	1,070	500

ELECTRICAL DATA

Nominal cross-sectional area	Resistance at 20 °C		Current Carrying Capacity at 30 °C				Short circuit current of conductor at 1.0 sec
	DC conductor max	Insulation min	In AIR		In GROUND		
			⁂	⊙⊙⊙	⁂	⊙⊙⊙	
mm²	Ω/Km	MΩ.Km	A		A		kA
10	1.83	496	91	91	112	112	1.53
16	1.15	406	99	114	122	122	2.41
25	0.727	413	137	154	143	156	3.73
35	0.524	353	161	189	168	183	5.16
50	0.387	334	201	228	198	218	7.36
70	0.268	309	250	289	243	267	10.26
95	0.193	266	311	356	293	322	13.68
120	0.153	257	368	417	332	367	17.49
150	0.124	270	423	479	376	416	21.81
185	0.0991	275	490	557	427	466	26.86
240	0.0754	254	590	657	485	535	34.78
300	0.0601	241	679	758	545	615	43.41
400	0.0470	237	824	913	645	703	57.79
500	0.0366	232	957	1,069	733	813	72.16

Note : This is only general information. For other specific requirement, please contact our marketing.

SUPREME
Low Voltage XLPE Insulated Armour Cables

Cu/XLPE/DSTA/PVC (N2XBY) 0.6/1(1.2) kV

SPLN 43-8/IEC 60502-1

Copper conductor, XLPE insulated, double galvanized steel tape armoured and PVC sheathed cable

Main uses : Used for indoor dan outdoor installation direct burial, preferably used where considerable mechanical strees must be envisage

DIMENSIONAL & MECHANICAL DATA — **2 Cores**

Nominal cross sectional area	No of wire and conductor shape		Nominal Thickness			Approximately			Bending diameter min	Standard delivery length
			Insulation	Steel tape armour	Outer Sheath	Inner Sheath diameter	Overall Diameter	Net Weight		
mm²	pcs	-		mm		mm		Kg/Km	mm	m
1.5	1	re	0.7	0.2	1.8	12	17	434	270	1,000
1.5	7	rm	0.7	0.2	1.8	12	17	432	270	1,000
2.5	1	re	0.7	0.2	1.8	12	21	675	340	1,000
2.5	7	rm	0.7	0.2	1.8	12	21	673	340	1,000
4	1	re	0.7	0.2	1.8	12	21	694	350	1,000
4	7	rm	0.7	0.2	1.8	12	21	690	350	1,000
6	1	re	0.7	0.2	1.8	12	21	719	360	1,000
6	7	rm	0.7	0.2	1.8	12	21	714	360	1,000
10	1	re	0.7	0.2	1.8	12.6	18	578	320	1,000
10	7	rm	0.7	0.2	1.8	13.6	19	627	320	1,000
16	7	rm	0.7	0.2	1.8	16	21	824	390	1,000
25	7	rm	0.9	0.2	1.8	19.5	21	1,163	460	1,000
35	7	rm	0.9	0.2	1.8	21.8	27	1,459	520	1,000
50	19	rm	1.0	0.2	1.9	25	30	1,847	590	1,000
70	19	rm	1.1	0.2	2.1	29	35	2,497	690	1,000
95	19	rm	1.1	0.5	2.3	32.9	40	3,642	790	1,000
120	37	rm	1.2	0.5	2.4	36.8	45	4,439	880	500
150	37	rm	1.4	0.5	2.5	40.9	49	5,360	970	500

ELECTRICAL DATA

Nominal cross-sectional area	Resistance at 20 °C		Current Carrying Capacity at 30 °C		Short circuit current of conductor at 1.0 sec
	DC conductor max	Insulation min	In AIR	In GROUND	
mm²	Ω/Km	MΩ.Km	A		kA
1.5	12.1	1,170	24	31	0.26
2.5	7.41	960	32	41	0.41
4	4.61	800	43	54	0.64
6	3.08	680	54	68	0.93
10	1.83	550	75	89	1.53
16	1.15	402	102	116	2.41
25	0.727	409	137	153	3.73
35	0.524	353	179	182	5.16
50	0.387	334	205	213	7.36
70	0.268	309	261	261	10.26
95	0.193	266	313	318	13.68
120	0.153	257	363	363	17.49
150	0.124	270	426	403	21.81

Note : This is only general information. For other specific requirement, please contact our marketing.

Cu/XLPE/DSTA/PVC (N2XBY) 0.6/1(1.2) kV

SPLN 43-8/IEC 60502-1

Copper conductor, XLPE insulated,
double galvanized steel tape armoured and PVC sheathed cable

Main uses : Used for indoor dan outdoor installation direct burial, preferably used where considerable mechanical strees must be envisage

DIMENSIONAL & MECHANICAL DATA **3 Cores**

Nominal cross-sectional area	No of wire and conductor shape		Nominal Thickness			Approximately			Bending diameter min	Standard delivery length
			Insulation	Steel tape armour	Outer Sheath	Inner Sheath diameter	Overall Diameter	Net Weight		
mm²	pcs	-	mm			mm		Kg/Km	mm	m
1.5	1	re	0.7	0.2	1.8	12	17	438	270	1,000
1.5	7	rm	0.7	0.2	1.8	12	17	435	270	1,000
2.5	1	re	0.7	0.2	1.8	12	21	683	240	1,000
2.5	7	rm	0.7	0.2	1.8	12	21	679	244	1,000
4	1	re	0.7	0.2	1.8	12	21	711	347	1,000
4	7	rm	0.7	0.2	1.8	12	21	706	352	1,000
6	1	re	0.7	0.2	1.8	1.2	21	751	355	1,000
6	7	rm	0.7	0.2	1.8	12.4	17	547	309	1,000
10	1	re	0.7	0.2	1.8	13.4	18	683	329	1,000
10	7	rm	0.7	0.2	1.8	14.4	20	735	354	1,000
16	7	rm	0.7	0.2	1.8	17	22	987	405	1,000
25	7	rm	0.9	0.2	1.8	20.8	26	1,415	484	1,000
35	7	rm	0.9	0.2	1.9	23.3	28	1,807	542	1,000
50	19	rm	1.0	0.2	2.0	26.7	32	2,309	617	1,000
70	19	rm	1.1	0.2	2.2	31.1	38	3,524	730	1,000
70	19	sm	1.1	0.2	2.0	26.3	32	2,648	605	1,000
95	19	rm	1.1	0.5	2.3	35.4	43	4,579	840	500
95	19	sm	1.1	0.5	2.1	29.3	35	3,490	675	500
120	37	rm	1.2	0.5	2.5	39.5	48	5,610	930	500
120	37	sm	1.2	0.5	2.3	33.5	41	4,735	790	500
150	37	rm	1.4	0.5	2.6	44	52	6,791	1,030	500
150	37	sm	1.4	0.5	2.4	36.4	44	5,686	849	500
185	37	rm	1.6	0.5	2.8	49.3	58	8,364	1,140	300
185	37	sm	1.5	0.5	2.5	40.4	49	6,969	836	300
240	61	rm	1.7	0.5	3.1	56.2	66	10,706	1,300	300
240	37	sm	1.7	0.5	2.7	45.3	54	8,877	1,044	300
300	61	rm	1.8	0.5	3.3	62.3	72	13,115	1,430	300
300	37	sm	1.8	0.5	2.9	50	59	10,908	1,150	300

ELECTRICAL DATA

Nominal cross-sectional area	Resistance at 20 °C		Current Carrying Capacity at 30 °C		Short circuit current of conductor at 1.0 sec
	DC conductor max	Insulation min	In AIR	In GROUND	
mm²	Ω/Km	MΩ.Km	A		kA
1.5	12.1	1,170	21	27	0.26
2.5	7.41	980	29	37	0.41
4	4.61	820	39	47	0.64
6	3.08	700	50	60	0.93
10	1.83	560	69	79	1.53
16	1.15	410	91	101	2.41
25	0.727	420	119	132	3.73
35	0.524	360	148	156	5.16
50	0.387	340	182	187	7.36
70	0.268	410	228	233	10.26
95	0.193	360	278	278	13.68
120	0.153	330	324	324	17.49
150	0.124	360	367	358	21.81
185	0.0991	370	421	403	26.86
240	0.0754	350	494	471	34.78
300	0.0601	330	568	529	43.41

Note : This is only general information. For other specific requirement, please contact our marketing.

SUPREME
Low Voltage XLPE Insulated Armour Cables

Cu/XLPE/DSTA/PVC (N2XBY) 0.6/1(1.2) kV

SPLN 43-8/IEC 60502-1

Copper conductor, XLPE insulated,
double galvanized steel tape armoured and PVC sheathed cable

Main uses : Used for indoor dan outdoor installation direct burial, preferably used where considerable mechanical strees must be envisage

DIMENSIONAL & MECHANICAL DATA — **4 Cores**

Nominal cross-sectional area	No of wire and conductor shape		Nominal Thickness			Approximately			Bending diameter min	Standard delivery length
			Insulation	Steel tape armour	Outer Sheath	Inner Sheath diameter	Overall Diameter	Net Weight		
mm²	pcs	-	mm			mm		Kg/Km	mm	m
1.5	1	re	0.7	0.2	1.8	12	17	441	270	1,000
1.5	7	rm	0.7	0.2	1.8	12	17	436	270	1,000
2.5	1	re	0.7	0.2	1.8	12	17	466	280	1,000
2.5	7	rm	0.7	0.2	1.8	12	17	461	280	1,000
4	1	re	0.7	0.2	1.8	12	17	502	280	1,000
4	7	rm	0.7	0.2	1.8	12.3	1.7	508	290	1,000
6	1	re	0.7	0.2	1.8	12.8	18	592	300	1,000
6	7	rm	0.7	0.2	1.8	13.6	19	628	320	1,000
10	1	re	0.7	0.2	1.8	14.7	20	804	340	1,000
10	7	rm	0.7	0.2	1.8	15.9	21	859	370	1,000
16	7	rm	0.7	0.2	1.8	18.7	24	1,186	440	1,000
25	7	rm	0.9	0.2	1.9	23	28	1,724	520	1,000
35	7	rm	0.9	0.2	2.0	25.8	31	2,225	590	1,000
50	19	rm	1.0	0.2	2.1	29.6	35	2,856	670	1,000
70	19	rm	1.1	0.5	2.3	34.6	42	4,347	790	1,000
70	19	sm	1.1	0.2	2.1	30	36	3,463	690	1,000
95	19	rm	1.1	0.5	2.5	39.5	48	5,690	910	500
95	19	sm	1.1	0.5	2.3	33.6	41	4,984	800	500
120	37	rm	1.2	0.5	2.7	44.1	43	6,996	1,000	500
120	37	sm	1.2	0.5	2.4	37.4	45	6,113	880	500
150	37	rm	1.4	0.5	2.8	49.2	58	8,489	1,100	500
150	37	sm	1.4	0.5	2.6	41.8	50	7,449	970	500
185	37	rm	1.6	0.5	3.0	55.1	65	10,472	1,240	300
185	37	sm	1.6	0.5	2.7	46.4	55	9,150	1,070	300
240	61	rm	1.7	0.5	3.3	62.8	73	13,439	1,410	300
240	37	sm	1.7	0.5	2.9	52.1	61	11,697	1,200	300
300	61	rm	1.8	0.5	3.6	69.6	81	16,511	1,550	300
300	37	sm	1.8	0.5	3.1	57.5	67	14,385	1,320	250

ELECTRICAL DATA

Nominal cross-sectional area	Resistance at 20 °C		Current Carrying Capacity at 30 °C		Short circuit current of conductor at 1.0 sec
	DC conductor max	Insulation min	In AIR	In GROUND	
mm²	Ω/Km	MΩ.Km	A		kA
1.5	12.1	1,170	21	27	0.26
2.5	7.41	980	29	37	0.41
4	4.61	820	39	47	0.64
6	3.08	700	50	60	0.93
10	1.83	560	69	79	1.53
16	1.15	410	91	101	2.41
25	0.727	420	119	132	3.73
35	0.524	360	148	156	5.16
50	0.387	340	182	187	7.36
70	0.268	410	228	233	10.26
95	0.193	360	278	278	13.68
120	0.153	330	324	324	17.49
150	0.124	360	367	358	21.81
185	0.0991	370	421	403	26.86
240	0.0754	350	494	471	34.78
300	0.0601	330	568	529	43.41

Note : This is only general information. For other specific requirement, please contact our marketing.

Cu/XLPE/DSTA/PVC (N2XBY) 0.6/1(1.2) kV

SPLN 43-8/IEC 60502-1

Copper conductor, XLPE insulated,
double galvanized steel tape armoured and PVC sheathed cable

Main uses : Used for indoor dan outdoor installation direct burial, preferably used where considerable mechanical strees must be envisage

DIMENSIONAL & MECHANICAL DATA — 5 Cores

Nominal cross-sectional area	No of wire and conductor shape		Nominal Thickness			Approximately			Bending diameter min	Standard delivery length
			Insulation	Steel tape armour	Outer Sheath	Inner Sheath diameter	Overall Diameter	Net Weight		
mm ²	pcs	-	mm			mm		Kg/Km	mm	m
1.5	1	re	0.7	0.2	1.8	12	17	450	270	1,000
1.5	7	rm	0.7	0.2	1.8	12	17	444	270	1,000
2.5	1	re	0.7	0.2	1.8	12	17	480	280	1,000
2.5	7	rm	0.7	0.2	1.8	12	17	473	280	1,000
4	1	re	0.7	0.2	1.8	12.6	18	554	290	1,000
4	7	rm	0.7	0.2	1.8	13.4	18	587	310	1,000
6	1	re	0.7	0.2	1.8	14	19	697	320	1,000
6	7	rm	0.7	0.2	1.8	14.9	20	738	340	1,000
10	1	re	0.7	0.2	1.8	16.3	21	492	380	1,000
10	7	rm	0.7	0.2	1.8	17.7	23	1,010	410	1,000
16	7	rm	0.7	0.2	1.8	20.6	26	1,388	470	1,000
25	7	rm	0.9	0.2	1.9	25.4	31	2,044	560	1,000
35	7	rm	0.9	0.2	2.1	28.6	34	2,649	630	1,000
50	19	rm	1.0	0.5	2.2	32.8	40	3,805	740	500

ELECTRICAL DATA

Nominal cross-sectional area	Resistance at 20 °C		Current Carrying Capacity at 30 °C		Short circuit current of conductor at 1.0 sec
	DC conductor max	Insulation min	In AIR	In GROUND	
mm²	Ω/Km	MΩ.Km	A		kA
1.5	12.1	1,170	21	27	0.26
2.5	7.41	980	29	37	0.41
4	4.61	820	39	47	0.64
6	3.08	700	50	60	0.93
10	1.83	560	69	79	1.53
16	1.15	410	91	101	2.41
25	0.727	420	119	132	3.73
35	0.524	360	148	156	5.16
50	0.387	340	182	187	7.36

Note : This is only general information. For other specific requirement, please contact our marketing.

SUPREME
Low Voltage XLPE Insulated Armour Cables

Cu/XLPE/DSTA/PVC (N2XBY) 0.6/1(1.2) kV

SPLN 43-8/IEC 60502-1

Copper conductor, XLPE insulated,
double galvanized steel tape armoured and PVC sheathed cable

Main uses : Used for indoor dan outdoor installation direct burial, preferably used where considerable mechanical strees must be envisage

DIMENSIONAL & MECHANICAL DATA — Control cable 1.5 mm2

Nominal cross-sectional area	No of wire and conductor shape		Nominal Thickness			Approximately			Bending diameter min	Standard delivery length
			Insulation	Steel tape armour	Outer Sheath	Inner Sheath diameter	Overall Diameter	Net Weight		
mm²	pcs	-	mm			mm		Kg/Km	mm	m
6	1	re	0.7	0.2	1.8	12	17	449	270	1,000
6	7	rm	0.7	0.2	1.8	12	17	449	270	1,000
7	1	re	0.7	0.2	1.8	12	17	457	270	1,000
7	7	rm	0.7	0.2	1.8	12	17	449	270	1,000
8	1	re	0.7	0.2	1.8	12	17	448	270	1,000
8	7	rm	0.7	0.2	1.8	12	17	440	270	1,000
10	1	re	0.7	0.2	1.8	12	17	438	270	1,000
10	7	rm	0.7	0.2	1.8	12	17	431	270	1,000
12	1	re	0.7	0.2	1.8	12	17	462	270	1,000
12	7	rm	0.7	0.2	1.8	12.6	18	477	280	1,000
14	1	re	0.7	0.2	1.8	12.8	18	505	280	1,000
14	7	rm	0.7	0.2	1.8	13.4	18	520	290	1,000
16	1	re	0.7	0.2	1.8	13.6	19	557	290	1,000
16	7	rm	0.7	0.2	1.8	14.2	19	573	310	1,000
19	1	re	0.7	0.2	1.8	14.4	20	620	310	1,000
19	7	rm	0.7	0.2	1.8	15.1	20	637	320	1,000
21	1	re	0.7	0.2	1.8	15.3	20	673	320	500
21	7	rm	0.7	0.2	1.8	16	21	691	330	500
24	1	re	0.7	0.2	1.8	17.3	22	766	350	500
24	7	rm	0.7	0.2	1.8	18.1	23	788	360	500
30	1	re	0.7	0.2	1.8	18.4	24	893	370	500
30	7	rm	0.7	0.2	1.8	19.3	24	916	330	500
40	1	re	0.7	0.2	1.8	21	26	1,116	400	500
40	7	rm	0.7	0.2	1.8	22	27	1,143	420	500
52	1	re	0.7	0.2	1.9	24.1	29	1,400	470	300
52	7	rm	0.7	0.2	1.9	25.3	31	1,440	470	300
61	1	re	0.7	0.2	1.9	25.8	31	1,601	480	300
61	7	rm	0.7	0.2	2.0	27	32	1,644	500	300

ELECTRICAL DATA

Nominal cross-sectional area	Resistance at 20 °C		Current Carrying Capacity at 30 °C		Short circuit current of conductor at 1.0 sec
	DC conductormax	Insulation min	In AIR	In GROUND	
mm²	Ω/Km	MΩ.Km	A		kA
6	12.1	11,170	13	17	0.26
7	12.1	11,170	11	16	0.26
8	12.1	11,170	11	16	0.26
10	12.1	11,170	10	14	0.26
12	12.1	11,170	10	14	0.26
14	12.1	11,170	9	11	0.26
16	12.1	11,170	9	11	0.26
19	12.1	11,170	8	10	0.26
21	12.1	11,170	8	10	0.26
24	12.1	11,170	7	9	0.26
30	12.1	11,170	7	9	0.26
40	12.1	11,170	6	8	0.26
50	12.1	11,170	6	8	0.26
61	12.1	11,170	5	7	0.26

Note : This is only general information. For other specific requirement, please contact our marketing.

Cu/XLPE/DSTA/PVC (N2XBY) 0.6/1(1.2) kV

SPLN 43-8/IEC 60502-1

Copper conductor, XLPE insulated,
double galvanized steel tape armoured and PVC sheathed cable

Main uses : Used for indoor dan outdoor installation direct burial, preferably used where considerable mechanical strees must be envisage

DIMENSIONAL & MECHANICAL DATA — Control cable 2.5 mm2

Nominal cross-sectional area	No of wire and conductor shape		Nominal Thickness			Approximately			Bending diameter min	Standard delivery length
			Insulation	Steel tape armour	Outer Sheath	Inner Sheath diameter	Overall Diameter	Net Weight		
mm²	pcs	-	mm			mm		Kg/Km	mm	m
6	1	re	0.7	0.2	1.8	12.3	17	506	285	1,000
6	7	rm	0.7	0.2	1.8	13	18	533	301	1,000
7	1	re	0.7	0.2	1.8	12.3	17	516	285	1,000
7	7	rm	0.7	0.2	1.8	13	18	544	285	1,000
8	1	re	0.7	0.2	1.8	13.5	19	573	304	1,000
8	7	rm	0.7	0.2	1.8	14.3	19	604	320	1,000
10	1	re	0.7	0.2	1.8	15.9	21	661	339	1,000
10	7	rm	0.7	0.2	1.8	16.9	22	698	358	1,000
12	1	re	0.7	0.2	1.8	16.4	21	729	347	1,000
12	7	rm	0.7	0.2	1.8	17.5	22	769	366	1,000
14	1	re	0.7	0.2	1.8	17.3	22	804	360	1,000
14	7	rm	0.7	0.2	1.8	18.4	22	848	380	1,000
16	1	re	0.7	0.2	1.8	18.2	23	881	374	500
16	7	rm	0.7	0.2	1.8	19.4	24	930	400	500
19	1	re	0.7	0.2	1.8	19.2	24	987	389	500
19	7	rm	0.7	0.2	1.8	20.5	25	1,042	412	500
21	1	re	0.7	0.2	1.8	20.2	25	1,566	405	500
21	7	rm	0.7	0.2	1.8	21.5	27	1,125	429	500
24	1	re	0.7	0.2	1.8	22.5	28	1,206	441	500
24	7	rm	0.7	0.2	1.9	24	29	1,411	463	500
30	1	re	0.7	0.2	1.9	23.8	29	1,498	494	500
30	7	rm	0.7	0.2	1.9	25.5	31	1,498	498	500
40	1	re	0.7	0.2	2.0	26.8	33	1,774	511	500
40	7	rm	0.7	0.2	2.1	28.6	34	1,881	545	500
52	1	re	0.7	0.2	2.2	30.4	38	2,580	591	300
52	7	rm	0.7	0.2	2.2	32.6	40	2,737	629	300
61	1	re	0.7	0.2	2.2	32.4	40	2,911	622	300
61	7	rm	0.7	0.2	2.3	34.7	42	3,101	665	300

ELECTRICAL DATA

Nominal cross-sectional area	Resistance at 20 °C		Current Carrying Capacity at 30 °C		Short circuit current of conductor at 1.0 sec
	DC conductor max	Insulation min	In AIR	In GROUND	
mm²	Ω/Km	MΩ.Km	A		kA
6	7.41	872	20	24	0.41
7	7.41	872	18	22	0.41
8	7.41	872	18	22	0.41
10	7.41	872	15	18	0.41
12	7.41	872	15	18	0.41
14	7.41	872	14	16	0.41
16	7.41	872	14	16	0.41
19	7.41	872	12	14	0.41
21	7.41	872	12	14	0.41
24	7.41	872	11	13	0.41
30	7.41	872	11	13	0.41
40	7.41	872	9	10	0.41
50	7.41	872	9	0	0.41
61	7.41	872	8	9	0.41

Note : This is only general information. For other specific requirement, please contact our marketing.

SUPREME
Low Voltage XLPE Insulated Armour Cables

Cu/XLPE/DSTA/PVC (N2XBY) 0.6/1(1.2) kV

SPLN 43-8/IEC 60502-1

Copper conductor, XLPE insulated,
double galvanized steel tape armoured and PVC sheathed cable

Main uses : Used for indoor dan outdoor installation direct burial, preferably used where considerable mechanical strees must be envisage

DIMENSIONAL & MECHANICAL DATA — **Control cable 4 mm2**

Nominal cross-sectional area	No of wire and conductor shape		Nominal Thickness			Approximately			Bending diameter min	Standard delivery length
			Insulation	Steel tape armour	Outer Sheath	Inner Sheath diameter	Overall Diameter	Net Weight		
mm²	pcs	-	mm			mm		Kg/Km	mm	m
6	1	re	0.7	0.2	1.8	13.7	19	632	310	1,000
6	7	rm	0.7	0.2	1.8	14.6	20	680	330	1,000
7	1	re	0.7	0.2	1.8	13.7	19	657	310	1,000
7	7	rm	0.7	0.2	1.8	14.6	20	696	330	1,000
8	1	re	0.7	0.2	1.8	16	20	704	340	1,000
8	7	rm	0.7	0.2	1.8	16.3	21	747	360	1,000
10	1	re	0.7	0.2	1.8	17.8	22	849	380	1,000
10	7	rm	0.7	0.2	1.8	19.1	24	901	400	1,000
12	1	re	0.7	0.2	1.8	18.4	23	947	390	1,000
12	7	rm	0.7	0.2	1.8	19.8	25	1,005	410	1,000
14	1	re	0.7	0.2	1.8	19.4	24	1,053	400	500
14	7	rm	0.7	0.2	1.8	20.8	26	1,118	420	500
16	1	re	0.7	0.2	1.8	20	25	1,163	420	500
16	7	rm	0.7	0.2	1.8	22	27	2,235	450	500
19	1	re	0.7	0.2	1.8	21.6	27	1,315	440	500
19	7	rm	0.7	0.2	1.8	23.2	28	1,452	470	500
21	1	re	0.7	0.2	1.8	22.7	28	1,431	460	500
21	7	rm	0.7	0.2	1.9	24.5	30	1,527	490	500
24	1	re	0.7	0.2	1.9	25.3	31	1,632	500	500
24	7	rm	0.7	0.2	2.0	27.3	33	1,742	540	500
30	1	re	0.7	0.2	2.0	26.9	32	1,931	520	500
30	7	rm	0.7	0.2	2.1	29	35	2,058	560	500
40	1	re	0.7	0.5	2.2	30.2	37	2,814	600	300
40	7	rm	0.7	0.5	2.2	32.7	40	3,003	640	300
52	1	re	0.7	0.5	2.3	34.5	42	3,508	670	300
52	7	rm	0.7	0.5	2.4	37.4	45	3,758	720	300
61	1	re	0.7	0.5	2.4	36.8	45	3,995	710	300
61	7	rm	0.7	0.5	2.5	40	48	4,285	760	300

ELECTRICAL DATA

Nominal cross-sectional area	Resistance at 20 °C		Current Carrying Capacity at 30 °C		Short circuit current of conductor at 1.0 sec
	DC conductor max	Insulation min	In AIR	In GROUND	
mm²	Ω/Km	MΩ.Km	A		kA
6	4.61	722	27	30	0.64
7	4.61	722	25	27	0.64
8	4.61	722	25	27	0.64
10	4.61	722	21	23	0.64
12	4.61	722	21	23	0.64
14	4.61	722	19	21	0.64
16	4.61	722	19	21	0.64
19	4.61	722	17	18	0.64
21	4.61	722	17	18	0.64
24	4.61	722	15	16	0.64
30	4.61	722	15	16	0.64
40	4.61	722	13	14	0.64
50	4.61	722	13	14	0.64
61	4.61	722	11	11	0.64

Note : This is only general information. For other specific requirement, please contact our marketing.

Cu/XLPE/DSTA/PVC (N2XBY) 0.6/1(1.2) kV

SPLN 43-8/IEC 60502-1

Copper conductor, XLPE insulated,
double galvanized steel tape armoured and PVC sheathed cable

Main uses : Used for indoor dan outdoor installation direct burial, preferably used where considerable mechanical strees must be envisage

DIMENSIONAL & MECHANICAL DATA — Control cable 6 mm2

Nominal cross-sectional area	No of wire and conductor shape		Nominal Thickness			Approximately			Bending diameter min	Standard delivery length
			Insulation	Steel tape armour	Outer Sheath	Inner Sheath diameter	Overall Diameter	Net Weight		
mm²	pcs	-	mm			mm		Kg/Km	mm	m
6	1	re	0.7	0.2	1.8	16	20	780	350	1,000
6	7	rm	0.7	0.2	1.8	16.6	21	832	370	1,000
7	1	re	0.7	0.2	1.8	15.4	20	842	350	1,000
7	7	rm	0.7	0.2	1.8	16.6	21	896	370	1,000
8	1	re	0.7	0.2	1.8	16.9	22	896	370	1,000
8	7	rm	0.7	0.2	1.8	18.2	23	948	400	1,000
10	1	re	0.7	0.2	1.8	19.9	25	1,088	420	1,000
10	7	rm	0.7	0.2	1.8	21.4	26	1,151	450	1,000
12	1	re	0.7	0.2	1.8	20.5	26	1,225	430	500
12	7	rm	0.7	0.2	1.8	22.2	27	1,298	460	500
14	1	re	0.7	0.2	1.8	21.6	27	1,374	450	500
14	7	rm	0.7	0.2	1.8	23.4	29	1,459	480	500
16	1	re	0.7	0.2	1.8	22.9	28	1,530	470	500
16	7	rm	0.7	0.2	1.9	24.7	30	1,626	500	500
19	1	re	0.7	0.2	1.9	24.1	30	1,750	490	500
19	7	rm	0.7	0.2	2.0	26.1	32	1,858	530	500
21	1	re	0.7	0.2	1.9	25.4	31	1,912	510	500
21	7	rm	0.7	0.2	2.0	27.5	33	2,028	550	500
24	1	re	0.7	0.2	2.0	28.4	34	2,181	560	500
24	7	rm	0.7	0.5	2.2	30.8	38	2,684	620	500
30	1	re	0.7	0.5	2.2	30.2	37	2,964	610	500
30	7	rm	0.7	0.5	2.2	32.7	40	3,149	650	500
40	1	re	0.7	0.5	2.3	34.1	42	3,745	670	300
40	7	rm	0.7	0.5	2.4	37.1	45	3,994	720	300
52	1	re	0.7	0.5	2.5	39	47	4,719	750	300
52	7	rm	0.7	0.5	2.6	42.5	51	5,035	810	300
61	1	re	0.7	0.5	2.6	41.6	50	5,404	800	300
61	7	rm	0.7	0.5	2.7	45.3	54	5,760	860	300

ELECTRICAL DATA

Nominal cross-sectional area	Resistance at 20 °C		Current Carrying Capacity at 30 °C		Short circuit current of conductor at 1.0 sec
	DC conductor max	Insulation min	In AIR	In GROUND	
mm²	Ω/Km	MΩ.Km	A		kA
6	3.08	683	34	38	0.93
7	3.08	683	32	35	0.93
8	3.08	683	32	35	0.93
10	3.08	683	27	30	0.93
12	3.08	683	27	30	0.93
14	3.08	683	25	26	0.93
16	3.08	683	25	26	0.93
19	3.08	683	22	23	0.93
21	3.08	683	22	23	0.93
24	3.08	683	19	21	0.93
30	3.08	683	19	21	0.93
40	3.08	683	17	17	0.93
50	3.08	683	17	17	0.93
61	3.08	683	15	15	0.93

Note : This is only general information. For other specific requirement, please contact our marketing.

SUPREME
Low Voltage XLPE Insulated Armour Cables

Cu/XLPE/SWA/PVC (N2XRGbY & N2XFGby) 0.6/1(1.2) kV
SPLN 43-7/IEC 60502-1
Copper conductor, XLPE insulated,
galvanized round steel wire or flat steel wire armoured and PVC sheathed cable

Main uses : Used for indoor dan outdoor installation direct burial, preferably used where considerable mechanical strees must be envisage

DIMENSIONAL & MECHANICAL DATA — **2 Cores**

Nominal cross-sectional area	No of wire and conductor shape		Nominal Thickness			Approximately			Bending diameter min	Standard delivery length
			Insulation	Galv.steel wire armour	Outer Sheath	Inner Sheath diameter	Overall Diameter	Net Weight		
mm²	pcs	-	mm			mm		Kg/Km	mm	m
N2XRGbY										
1.5	1	re	0.7	0.9	1.8	7.8	14	366	230	1,000
1.5	7	rm	0.7	0.9	1.8	8.1	15	377	230	1,000
2.5	1	re	0.7	0.9	1.8	8.5	15	416	240	1,000
2.5	7	rm	0.7	0.9	1.8	9	16	440	260	1,000
4	1	re	0.7	0.9	1.8	9.5	16	482	270	1,000
4	7	rm	0.7	0.9	1.8	10.1	17	516	280	1,000
6	1	re	0.7	0.9	1.8	10.4	17	560	290	1,000
6	7	rm	0.7	0.9	1.8	11.2	18	600	300	1,000
10	1	re	0.7	1.25	1.8	12	19	705	320	1,000
10	7	rm	0.7	1.25	1.8	13	19	759	340	1,000
N2XFGbY										
16	7	rm	0.7	0.8	1.8	15.9	22	1,091	420	1,000
25	7	rm	0.9	0.8	1.8	19.5	26	1,469	490	1,000
35	7	rm	9.0	0.8	1.9	21.8	28	1,815	540	1,000
50	19	rm	1.0	0.8	2.0	24.9	32	2,245	620	1,000
70	19	rm	1.0	0.8	2.1	29	36	2,961	700	1,000
95	19	rm	1.1	0.8	2.3	32.9	41	3,778	750	500
120	37	rm	1.2	0.8	2.4	36.8	45	4,599	890	500
150	37	rm	1.4	0.8	2.5	40.9	49	5,538	980	500

ELECTRICAL DATA

Nominal cross-sectional area	Resistance at 20 °C		Current Carrying Capacity at 30 °C		Short circuit current of conductor at 1.0 sec
	DC conductor max	Insulation min	In AIR	In GROUND	
mm²	Ω/Km	MΩ.Km	A		kA
1.5	12.1	1,170	24	31	0.26
2.5	7.41	872	32	40	0.41
4	4.61	722	43	53	0.64
6	3.08	613	54	67	0.93
10	1.83	492	75	88	1.53
16	1.15	402	102	116	2.41
25	0.727	409	137	153	3.73
35	0.524	353	109	182	5.16
50	0.387	334	205	213	7.36
70	0.268	309	261	261	10.26
95	0.193	266	313	318	13.68
120	0.153	257	363	363	17.49
150	0.124	270	426	403	21.81

Note : This is only general information. For other specific requirement, please contact our marketing.

Cu/XLPE/SWA/PVC (N2XRGbY & N2XFGby) 0.6/1(1.2) kV

SPLN 43-7/IEC 60502-1

Copper conductor, XLPE insulated,
galvanized round steel wire or flat steel wire armoured and PVC sheathed cable

Main uses : Used for indoor dan outdoor installation direct burial, preferably used where considerable mechanical strees must be envisage

DIMENSIONAL & MECHANICAL DATA **3 Cores**

Nominal cross-sectional area	No of wire and conductor shape		Nominal Thickness			Approximately			Bending diameter min	Standard delivery length
			Insulation	Galv.steel wire armour	Outer Sheath	Inner Sheath diameter	Overall Diameter	Net Weight		
mm²	pcs	-	mm			mm		Kg/Km	mm	m
N2XRGbY										
1.5	1	re	0.7	0.9	1.8	8.2	15	391	230	1,000
1.5	7	rm	0.7	0.9	1.8	8.5	15	407	240	1,000
2.5	1	re	0.7	0.9	1.8	9	16	454	250	1,000
2.5	7	rm	0.7	0.9	1.8	9.6	16	480	260	1,000
4	1	re	0.7	0.9	1.8	10.1	17	538	270	1,000
4	7	rm	0.7	0.9	1.8	10.7	17	570	290	1,000
6	1	re	0.7	0.9	1.8	11.1	18	634	300	1,000
6	7	rm	0.7	0.9	1.8	11.9	18	676	310	1,000
10	1	re	0.7	1.25	1.8	12.8	19	814	330	1,000
10	7	rm	0.7	1.25	1.8	13.8	20	871	360	1,000
N2XFGbY										
16	7	rm	0.7	0.8	1.8	16.9	23	1,277	430	1,000
25	7	rm	0.9	0.8	1.8	20.8	27	17,445	510	1,000
35	7	rm	0.9	0.8	1.9	23.3	30	2,185	570	1,000
50	19	rm	1.0	0.8	2.0	26.7	34	2,727	640	1,000
70	19	rm	1.1	0.8	2.1	31.1	39	3,662	750	1,000
70	19	sm	1.1	0.8	2.0	26.3	33	3,067	630	1,000
95	19	rm	1.1	0.8	2.3	35.4	43	4,733	840	500
95	19	sm	1.1	0.8	2.1	29.3	37	3,953	700	500
120	37	rm	1.2	0.8	2.5	39.5	48	5,782	940	500
120	37	sm	1.2	0.8	2.3	33.5	41	4,863	800	500
150	37	rm	1.4	0.8	2.7	44	53	6,977	1,020	500
150	37	sm	1.4	0.8	2.4	36.4	44	5,826	860	500
185	37	rm	1.6	0.8	2.8	49.3	58	8,552	1,150	300
185	37	sm	1.6	0.8	2.5	40.4	49	7,129	940	300
240	61	rm	1.7	0.8	3.1	56.2	66	10,923	1,300	300
240	37	sm	1.7	0.8	2.7	45.3	54	9,069	1,050	300
300	61	rm	1.8	0.8	3.3	62.3	73	13,378	1,440	200
300	37	sm	1.8	0.8	2.9	50	59	11,108	1,160	250

ELECTRICAL DATA

Nominal cross-sectional area	Resistance at 20 °C		Current Carrying Capacity at 30 °C		Short circuit current of conductor at 1.0 sec
	DC conductor max	Insulation min	In AIR	In GROUND	
mm²	Ω/Km	MΩ.Km	A		kA
1.5	12.1	1,170	21	28	0.26
2.5	7.41	872	29	36	0.41
4	4.61	722	38	46	0.64
6	3.08	613	49	59	0.93
10	1.83	492	68	78	1.53
16	1.15	402	91	101	2.41
25	0.727	409	119	132	3.73
35	0.524	353	148	156	5.16
50	0.387	334	182	187	7.36
70	0.268	309	228	233	10.26
95	0.193	266	278	278	13.68
120	0.153	257	324	324	17.49
150	0.124	270	367	358	21.81
185	0.0991	275	421	403	26.86
240	0.0754	254	494	471	34.78
300	0.0601	241	568	529	43.41

Note : This is only general information. For other specific requirement, please contact our marketing.

Cu/XLPE/SWA/PVC (N2XRGbY & N2XFGby) 0.6/1(1.2) kV

SPLN 43-7/IEC 60502-1

Copper conductor, XLPE insulated,
galvanized round steel wire or flat steel wire armoured and PVC sheathed cable

Main uses : Used for indoor dan outdoor installation direct burial, preferably used where considerable mechanical strees must be envisage

DIMENSIONAL & MECHANICAL DATA — **4 Cores**

Nominal cross-sectional area	No of wire and conductor shape		Nominal Thickness			Approximately			Bending diameter min	Standard delivery length
			Insulation	Galv.steel wire armour	Outer Sheath	Inner Sheath diameter	Overall Diameter	Net Weight		
mm²	pcs	-	mm			mm		Kg/Km	mm	m
N2XRGbY										
1.5	1	re	0.7	0.9	1.8	9	15	433	240	1,000
1.5	7	rm	0.7	0.9	1.8	9.3	16	450	250	1,000
2.5	1	re	0.7	0.9	1.8	9.9	16	507	260	1,000
2.5	7	rm	0.7	0.9	1.8	10.5	17	535	280	1,000
4	1	re	0.7	0.9	1.8	11	18	607	290	1,000
4	7	rm	0.7	0.9	1.8	11.8	18	647	300	1,000
6	1	re	0.7	1.25	1.8	12.2	19	726	310	1,000
6	7	rm	0.7	1.25	1.8	13.1	20	774	300	1,000
10	1	re	0.7	1.25	1.8	14.1	21	955	350	1,000
10	7	rm	0.7	1.25	1.8	14.9	22	1,010	390	1,000
N2XFGbY										
16	7	rm	0.7	0.8	1.8	18.7	25	1,495	460	1,000
25	7	rm	0.9	0.8	1.9	22.9	30	2,103	550	1,000
35	7	rm	0.9	0.8	2.0	25.8	33	2,645	610	1,000
50	19	rm	1.0	0.8	2.1	29.6	37	3,318	690	1,000
70	19	rm	1.1	0.8	2.3	34.6	42	4,485	790	500
70	19	sm	1.1	0.8	2.1	30	37	3,948	750	500
95	19	rm	1.1	0.8	2.5	39.5	48	5,838	900	500
95	19	sm	1.1	0.8	2.3	33.6	41	5,113	800	500
120	37	rm	1.2	0.8	2.7	41.1	53	7,177	1,000	500
120	37	sm	1.2	0.8	2.4	37.4	45	6,265	880	500
185	37	rm	1.6	0.8	3.0	55.1	65	10,678	1,230	300
185	37	sm	1.6	0.8	2.7	46.4	55	9,358	1,080	300
240	61	rm	1.7	0.8	3.3	62.8	73	13,691	1,410	250
240	37	sm	1.7	0.8	2.9	52.1	62	11,897	1,200	250
300	61	rm	1.8	0.8	3.6	69.6	81	16,791	1,550	250
300	37	sm	1.8	0.8	3.1	57.5	67	14,609	1,330	250

ELECTRICAL DATA

Nominal cross-sectional area	Resistance at 20 °C		Current Carrying Capacity at 30 °C		Short circuit current of conductor at 1.0 sec
	DC conductor max	Insulation min	In AIR	In GROUND	
mm²	Ω/Km	MΩ.Km	A		kA
1.5	12.1	1,170	21	28	0.26
2.5	7.41	872	29	36	0.41
4	4.61	722	38	46	0.64
6	3.08	613	49	59	0.93
10	1.83	492	68	78	1.53
16	1.15	402	91	101	2.41
25	0.727	409	119	132	3.73
35	0.524	353	148	156	5.16
50	0.387	334	182	187	7.36
70	0.268	309	228	233	10.26
95	0.193	266	278	278	13.68
120	0.153	257	324	324	17.49
150	0.124	270	367	358	21.81
185	0.0991	275	421	403	26.86
240	0.0754	254	494	471	34.78
300	0.0601	241	568	529	43.41

Note : This is only general information. For other specific requirement, please contact our marketing.

Cu/XLPE/SWA/PVC (N2XRGbY & N2XFGby) 0.6/1(1.2) kV

SPLN 43-7/IEC 60502-1

Copper conductor, XLPE insulated,
galvanized round steel wire or flat steel wire armoured and PVC sheathed cable

DIMENSIONAL & MECHANICAL DATA — 5 Cores

Nominal cross-sectional area	No of wire and conductor shape		Nominal Thickness			Approximately			Bending diameter min	Standard delivery length
			Insulation	Galv.steel wire armour	Outer Sheath	Inner Sheath diameter	Overall Diameter	Net Weight		
mm²	pcs	-	mm			mm		Kg/Km	mm	m
N2XRGbY										
1.5	1	re	0.7	0.9	1.8	9.8	16	491	260	1,000
1.5	7	rm	0.7	0.9	1.8	10.2	17	504	260	1,000
2.5	1	re	0.7	0.9	1.8	10.8	17	576	280	1,000
2.5	7	rm	0.7	0.9	1.8	11.5	18	606	290	1,000
4	1	re	0.7	1.25	1.8	12.1	19	696	300	1,000
4	7	rm	0.7	1.25	1.8	12.9	19	740	320	1,000
6	1	re	0.7	1.25	1.8	13.4	20	842	330	1,000
6	7	rm	0.7	1.25	1.8	14.4	21	898	350	1,000
N2XFGbY										
10	1	re	0.7	0.8	1.8	16.2	23	1,180	390	1,000
10	7	rm	0.7	0.8	1.8	17.5	24	1,262	410	1,000
16	7	rm	0.7	0.8	1.8	20.6	27	1,717	490	1,000
25	7	rm	0.9	0.8	2.0	25.4	32	2,465	590	1,000
35	7	rm	3.9	0.8	2.1	28.6	36	3,114	660	1,000
50	19	rm	1.0	0.8	2.3	32.8	40	3,945	750	500
70	19	rm	1.1	0.8	2.5	38.6	47	5,360	870	500

ELECTRICAL DATA

Nominal cross-sectional area	Resistance at 20 °C		Current Carrying Capacity at 30 °C		Short circuit current of conductor at 1.0 sec
	DC conductor max	Insulation min	In AIR	In GROUND	
mm²	Ω/Km	MΩ.Km	A		kA
1.5	12.1	1,170	24	34	0.26
2.5	7.41	872	32	40	0.41
4	4.61	722	43	53	0.64
6	3.08	613	54	67	0.93
10	1.83	492	75	88	1.53
16	1.15	402	91	101	2.41
25	0.727	409	119	132	3.73
35	0.524	353	148	156	5.16
50	0.387	334	182	187	7.36
70	0.268	309	228	233	10.26

Note : This is only general information. For other specific requirement, please contact our marketing.

Cu/XLPE/SWA/PVC (N2XRGbY & N2XFGby) 0.6/1(1.2) kV

SPLN 43-7/IEC 60502-1

Copper conductor, XLPE insulated, galvanized round steel wire or flat steel wire armoured and PVC sheathed cable

Main uses : Used for indoor dan outdoor installation direct burial, preferably used where considerable mechanical strees must be envisage

DIMENSIONAL & MECHANICAL DATA — Control cable 1.5 mm2

Nominal cross-sectional area	No of wire and conductor shape		Nominal Thickness			Approximately			Bending diameter min	Standard delivery length
			Insulation	Galv.steel wire armour	Outer Sheath	Inner Sheath diameter	Overall Diameter	Net Weight		
mm²	pcs	-	mm			mm		Kg/Km	mm	m
N2XRGbY										
6	1	re	0.7	0.9	1.8	10.6	17	537	270	1,000
6	7	rm	0.7	0.9	1.8	11	18	559	280	1,000
7	1	re	0.7	0.9	1.8	10.6	17	545	270	1,000
7	7	rm	0.7	0.9	1.8	11	18	559	280	1,000
8	1	re	0.7	0.9	1.8	11.7	18	599	290	1,000
8	7	rm	0.7	0.9	1.8	12.2	19	619	290	1,000
10	1	re	0.7	1.25	1.8	13.7	20	712	320	1,000
10	7	rm	0.7	1.25	1.8	14.2	21	734	330	1,000
12	1	re	0.7	1.25	1.8	14.1	21	765	320	1,000
12	7	rm	0.7	1.25	1.8	15.1	22	815	340	1,000
N2XFGbY										
14	1	re	0.7	0.8	1.8	15.3	22	840	340	500
14	7	rm	0.7	0.8	1.8	15.9	22	885	350	500
16	1	re	0.7	0.8	1.8	16.1	23	923	350	500
16	7	rm	0.7	0.8	1.8	16.7	23	941	360	500
19	1	re	0.7	0.8	1.8	16.9	23	1,013	360	500
19	7	rm	0.7	0.8	1.8	17.6	24	1,031	380	500
21	1	re	0.7	0.8	1.8	17.8	24	1,068	380	500
21	7	rm	0.7	0.8	1.8	18.5	25	1,113	390	500
24	1	re	0.7	0.8	1.8	19.8	26	1,217	410	500
24	7	rm	0.7	0.8	1.8	20.6	27	1,240	420	500
30	1	re	0.7	0.8	1.8	20.9	27	1,348	430	500
30	7	rm	0.7	0.8	1.8	21.8	28	1,402	470	500
40	1	re	0.7	0.8	1.9	23.5	30	1,541	470	500
40	7	rm	0.7	0.8	1.9	24.5	310	1,702	490	500
52	1	re	0.7	0.8	2.0	26.6	33	1,986	520	500
52	7	rm	0.7	0.8	2.1	27.8	35	2,054	540	500
61	1	re	0.7	0.8	2.1	28.3	35	2,242	540	500
61	7	rm	0.7	0.8	2.1	29.5	37	2,289	560	500

ELECTRICAL DATA

Nominal cross-sectional area	Resistance at 20 °C		Current Carrying Capacity at 30 °C		Short circuit current of conductor at 1.0 sec
	DC conductor max	Insulation min	In AIR	In GROUND	
mm²	Ω/Km	MΩ.Km	A		kA
6	12.1	1,170	13	2	0.26
7	12.1	1,170	12	6	0.26
8	12.1	1,170	12	16	0.26
10	12.1	1,170	10	14	0.26
12	12.1	1,170	10	14	0.26
14	12.1	1,170	9	11	0.26
16	12.1	1,170	9	11	0.26
19	12.1	1,170	8	10	0.26
21	12.1	1,170	8	10	0.26
24	12.1	1,170	7	9	0.26
30	12.1	1,170	7	9	0.26
40	12.1	1,170	6	8	0.26
50	12.1	1,170	6	8	0.26
61	12.1	1,170	5	7	0.26

Note : This is only general information. For other specific requirement, please contact our marketing.

Cu/XLPE/SWA/PVC (N2XRGbY & N2XFGby) 0.6/1(1.2) kV

SPLN 43-7/IEC 60502-1

Copper conductor, XLPE insulated, galvanized round steel wire or flat steel wire armoured and PVC sheathed cable

Main uses : Used for indoor dan outdoor installation direct burial, preferably used where considerable mechanical strees must be envisage

DIMENSIONAL & MECHANICAL DATA — Control cable 2.5 mm2

Nominal cross-sectional area	No of wire and conductor shape		Nominal Thickness			Approximately			Bending diameter min	Standard delivery length
			Insulation	Galv.steel wire armour	Outer Sheath	Inner Sheath diameter	Overall Diameter	Net Weight		
mm²	pcs	-	mm			mm		Kg/Km	mm	m
N2XRGbY										
6	1	re	0.7	0.9	1.8	11.8	18	641	290	1,000
5	7	rm	0.7	0.9	1.8	12.5	19	679	310	1,000
7	1	re	0.7	0.9	1.8	11.8	18	651	290	1,000
7	7	rm	0.7	0.9	1.8	12.5	19	690	310	1,000
8	1	re	0.7	1.25	1.8	12.9	19	721	310	1,000
8	7	rm	0.7	1.25	1.8	13.7	20	764	330	1,000
N2XFGbY										
10	1	re	0.7	0.8	1.8	15.9	22	830	360	500
10	7	rm	0.7	0.8	1.8	16.9	23	987	380	500
12	1	re	0.7	0.8	1.8	16.4	23	995	370	500
12	7	rm	0.7	0.8	1.8	17.5	24	1,056	390	500
14	1	re	0.7	0.8	1.8	17.3	24	1,092	390	500
14	7	rm	0.7	0.8	1.8	18.4	25	1,158	3410	500
16	1	re	0.7	0.8	1.8	15.7	25	1,167	400	500
16	7	rm	0.7	0.8	1.8	19.4	26	1,237	420	500
19	1	re	0.7	0.8	1.8	19.2	26	1,295	420	500
19	7	rm	0.7	0.8	1.8	20.5	27	1,371	440	500
21	1	re	0.7	0.8	1.8	20.2	27	1,396	430	500
21	7	rm	0.7	0.8	1.9	21.5	28	1,481	460	500
24	1	re	0.7	0.8	1.9	22.5	29	1,560	470	500
24	7	rm	0.7	0.8	1.9	24	31	1,681	500	500
30	1	re	0.7	0.8	1.9	23.8	31	1,788	490	500
30	7	rm	0.7	0.8	2.0	25.5	32	1,920	520	500
40	1	re	0.7	0.8	2.0	26.8	34	2,191	540	500
40	7	rm	0.7	0.8	2.1	28.6	36	2,346	570	500
52	1	re	0.7	0.8	2.2	30.4	38	2,701	600	500
52	7	rm	0.7	0.8	2.2	32.6	40	2,880	640	500
61	1	re	0.7	0.8	2.2	32.4	40	3,030	630	500
61	7	rm	0.7	0.8	2.3	34.7	43	3,239	670	500

ELECTRICAL DATA

Nominal cross-sectional area	Resistance at 20 °C		Current Carrying Capacity at 30 °C		Short circuit current of conductor at 1.0 sec
	DC conductor max	Insulation min	In AIR	In GROUND	
mm²	Ω/Km	MΩ.Km	A		kA
6	7.41	872	20	24	0.41
7	7.41	872	18	22	0.41
8	7.41	872	18	22	0.41
10	7.41	872	15	18	0.41
12	7.41	872	15	18	0.41
14	7.41	872	14	16	0.41
16	7.41	872	14	16	0.41
19	7.41	872	12	14	0.41
21	7.41	872	12	14	0.41
24	7.41	872	11	13	0.41
30	7.41	872	11	13	0.41
40	7.41	872	9	10	0.41
50	7.41	872	9	10	0.41
61	7.41	872	8	9	0.41

Note : This is only general information. For other specific requirement, please contact our marketing.

SUPREME
Low Voltage XLPE Insulated Armour Cables

Cu/XLPE/SWA/PVC (N2XRGbY & N2XFGby) 0.6/1(1.2) kV
SPLN 43-7/IEC 60502-1
Copper conductor, XLPE insulated, galvanized round steel wire or flat steel wire armoured and PVC sheathed cable

Main uses : Used for indoor dan outdoor installation direct burial, preferably used where considerable mechanical strees must be envisage

DIMENSIONAL & MECHANICAL DATA — **Control cable 4 mm2**

Nominal cross-sectional area	No of wire and conductor shape		Nominal Thickness			Approximately			Bending diameter min	Standard delivery length
			Insulation	Galv.steel wire armour	Outer Sheath	Inner Sheath diameter	Overall Diameter	Net Weight		
mm ²	pcs	-	mm			mm		Kg/Km	mm	m
N2XRGbY										
6	1	re	0.7	1.25	1.8	13.2	20	783	320	1,000
6	7	rm	0.7	1.25	1.8	14.1	21	845	340	1,000
7	1	re	0.7	1.25	1.8	13.2	20	808	320	1,000
7	7	rm	0.7	1.25	1.8	14.1	21	861	340	1,000
N2XFGbY										
8	1	re	0.7	0.8	1.8	15.2	22	949	360	500
8	7	rm	0.7	0.8	1.8	16.3	23	1,013	380	500
10	1	re	0.7	0.8	1.8	17.8	24	1,135	400	500
10	7	rm	0.7	0.8	1.8	19.1	26	1,209	430	500
12	1	re	0.7	0.8	1.8	18.4	25	1,257	410	500
12	7	rm	0.7	0.8	1.8	19.8	26	1,335	440	500
14	1	re	0.7	0.8	1.8	19.4	26	1,360	420	500
14	7	rm	0.7	0.8	1.8	20.8	27	1,447	450	500
16	1	re	0.7	0.8	1.8	20.4	27	1,493	440	500
16	7	rm	0.7	0.8	1.9	22	29	1,950	470	500
19	1	re	0.7	0.8	1.4	21.6	28	1,672	460	500
19	7	rm	0.7	0.8	1.9	23.2	30	1,781	490	500
21	1	re	0.7	0.8	1.9	22.7	29	1,810	480	500
21	7	rm	0.7	0.8	2.0	24.5	31	1,926	510	500
24	1	re	0.7	0.8	2.0	25.3	32	2,029	520	500
24	7	rm	0.7	0.8	2.1	27.3	34	2,183	560	500
30	1	re	0.7	0.8	2.0	28.9	34	2,374	550	500
30	7	rm	0.7	0.8	2.1	29	36	2,522	590	500
40	1	re	0.7	0.8	2.2	30.2	38	2,938	600	500
40	7	rm	0.7	0.8	2.2	32.7	40	3,142	650	500
52	1	re	0.7	0.8	2.3	34.5	42	3,649	670	500
52	7	rm	0.7	0.8	2.4	37.4	45	3,908	720	500
61	1	re	0.7	0.8	2.4	36.8	45	4,155	710	500
61	7	rm	0.7	0.8	2.5	39.9	48	4,450	770	500

ELECTRICAL DATA

Nominal cross-sectional area	Resistance at 20 °C		Current Carrying Capacity at 30 °C		Short circuit current of conductor at 1.0 sec
	DC conductor max	Insulation min	In AIR	In GROUND	
mm ²	Ω/Km	MΩ.Km	A		kA
6	4.61	722	27	28	0.64
7	4.61	722	25	27	0.64
8	4.61	722	25	27	0.64
10	4.61	722	21	23	0.64
12	4.61	722	21	23	0.64
14	4.61	722	19	21	0.64
16	4.61	722	19	21	0.64
19	4.61	722	17	18	0.64
21	4.61	722	17	18	0.64
24	4.61	722	15	16	0.64
30	4.61	722	15	16	0.64
40	4.61	722	13	14	0.64
50	4.61	722	13	14	0.64
61	4.61	722	11	11	0.64

Note : This is only general information. For other specific requirement, please contact our marketing.

Cu/XLPE/SWA/PVC (N2XRGbY & N2XFGby) 0.6/1(1.2) kV

SPLN 43-7/IEC 60502-1

Copper conductor, XLPE insulated, galvanized round steel wire or flat steel wire armoured and PVC sheathed cable

Main uses : Used for indoor dan outdoor installation direct burial, preferably used where considerable mechanical strees must be envisage

DIMENSIONAL & MECHANICAL DATA — Control cable 6 mm2

Nominal cross-sectional area	No of wire and conductor shape		Nominal Thickness			Approximately			Bending diameter min	Standard delivery length
			Insulation	Galv.steel wire armour	Outer Sheath	Inner Sheath diameter	Overall Diameter	Net Weight		
mm²	pcs	-	mm				mm		mm	m
6	1	re	0.7	0.8	1.8	15.4	22	1,025	370	500
6	7	rm	0.7	0.8	1.8	16.6	23	1,097	400	500
7	1	re	0.7	0.8	1.8	15.4	22	1,086	370	500
7	7	rm	0.7	0.8	1.8	16.6	23	1,161	400	500
8	1	re	0.7	0.8	1.8	16.9	23	1,161	390	500
8	7	rm	0.7	0.8	1.8	18.2	25	1,233	420	500
10	1	re	0.7	0.8	1.8	19.9	26	1,418	440	500
10	7	rm	0.7	0.8	1.8	21.4	28	1,506	470	500
12	1	re	0.7	0.8	1.8	20.5	27	1,555	450	500
12	7	rm	0.7	0.8	1.9	22.2	29	1,652	480	500
14	1	re	0.7	0.8	1.9	21.6	28	1,730	470	500
14	7	rm	0.7	0.8	1.9	23.4	30	1,837	500	500
16	1	re	0.7	0.8	1.9	22.9	30	1,908	490	500
16	7	rm	0.7	0.8	2.0	24.7	32	2,024	530	500
19	1	re	0.7	0.8	1.9	24.1	31	2,151	510	500
19	7	rm	0.7	0.8	2.0	26.1	33	2,278	550	500
21	1	re	0.7	0.8	2.0	25.4	32	2,333	530	500
21	7	rm	0.7	0.8	2.1	27.5	35	2,468	570	500
24	1	re	0.7	0.8	2.1	28.4	36	2,645	580	500
24	7	rm	0.7	0.8	2.2	30.7	38	2,802	520	500
30	1	re	0.7	0.8	2.2	30.2	38	2,089	610	500
30	7	rm	0.7	0.8	2.3	32.7	40	3,290	660	500
40	1	re	0.7	0.8	2.3	34.1	42	3,891	670	500
40	7	rm	0.7	0.8	2.4	37.1	45	4,151	750	500
52	1	re	0.7	0.8	2.5	39.0	47	4,873	750	500
52	7	rm	0.7	0.8	2.6	42.5	51	5,214	820	500
61	1	re	0.7	0.8	2.6	41.6	50	5,570	800	500
61	7	rm	0.7	0.8	2.7	45.3	54	5,955	860	500

ELECTRICAL DATA

Nominal cross-sectional area	Resistance at 20 °C		Current Carrying Capacity at 30 °C		Short circuit current of conductor at 1.0 sec
	DC conductor max	Insulation min	In AIR	In GROUND	
mm²	Ω/Km	MΩ.Km	A		kA
6	3.08	613	37	33	0.93
7	3.08	613	34	31	0.93
8	3.08	613	34	31	0.93
10	3.08	613	30	27	0.93
12	3.08	613	30	27	0.93
14	3.08	613	26	25	0.93
16	3.08	613	26	25	0.93
19	3.08	613	23	22	0.93
21	3.08	613	23	22	0.93
24	3.08	613	21	19	0.93
30	3.08	613	21	19	0.93
40	3.08	613	17	17	0.93
50	3.08	613	17	17	0.93
61	3.08	613	15	15	0.93

Note : This is only general information. For other specific requirement, please contact our marketing.

SUPREME
Low Voltage XLPE Insulated Armour Cables

Cu/XLPE/AWA/PVC (N2XRY) 0.6/1(1.2) kV
IEC 60502-1
Copper conductor, XLPE insulated, aluminium round wire armoured and PVC sheathed cable

Main uses : Used for indoor dan outdoor installation direct burial, preferably used where considerable mechanical strees must be envisage

DIMENSIONAL & MECHANICAL DATA — **1 Core**

Nominal cross-sectional area	No of wire and conductor shape		Nominal Thickness			Approximately			Bending diameter min	Standard delivery length
			Insulation	AL wire armour	Outer Sheath	Inner Sheath diameter	Overall Diameter	Net Weight		
mm²	pcs	-	mm			mm		Kg/Km	mm	m
25	7	rm	0.9	1.6	1.8	10.9	19	593	490	1,000
35	7	rm	0.9	1.6	1.8	12.1	20	715	540	1,000
50	19	rm	1.0	1.6	1.8	13.6	21	870	600	1,000
70	19	rm	1.1	1.6	1.8	15.7	23	1,125	670	1,000
85	19	rm	1.1	1.6	1.8	17.6	25	1,424	750	1,000
120	37	rm	1.2	1.6	1.8	19.4	27	1,704	820	1,000
150	37	rm	1.4	1.6	1.9	21.4	29	2,032	890	1,000
185	37	rm	1.6	1.6	2.0	23.7	32	2,470	890	1,000
240	61	rm	1.7	2.0	2.1	26.8	36	3,204	1120	1,000
300	61	rm	1.8	2.0	2.2	29.4	39	3,883	1230	1,000
400	61	rm	2.0	2.0	2.3	32.9	42	4,828	1360	500
500	61	rm	2.2	2.5	2.5	36.7	48	6,098	1530	500

ELECTRICAL DATA

Nominal cross-sectional area	Resistance at 20 °C		Current Carrying Capacity at 30 °C				Short circuit current of conductor at 1.0 sec
			In AIR		In GROUND		
	DC conductor max	Insulation min	o o o	o o o	o o o	o o o	
mm²	Ω/Km	MΩ.Km	A		A		kA
25	0.727	409	135	151	139	154	3.73
35	0.524	353	162	190	169	184	5.16
50	0.387	334	202	229	198	219	7.36
70	0.268	309	252	291	244	268	10.26
95	0.193	266	313	358	294	324	13.68
120	0.153	257	370	419	333	369	17.49
150	0.124	270	425	482	378	418	21.81
185	0.0991	275	492	548	429	468	26.86
240	0.0754	254	593	660	488	538	34.78
300	0.0601	241	683	761	548	618	43.41
400	0.0470	237	828	917	648	707	57.79
500	0.0366	232	962	1,074	737	817	72.16

Note : This is only general information. For other specific requirement, please contact our marketing.

Cu/XLPE/ALCA/PVC (N2XALCAY) 0.6/1(1.2) kV

IEC 60502-1

Copper conductor, XLPE insulated,
aluminium tape corrugated armoured and PVC sheathed cable

Main uses : Used for indoor dan outdoor installation direct burial, preferably used where considerable mechanical strees must be envisage, in petrolrum oil, chemical and gas plants.

DIMENSIONAL & MECHANICAL DATA — **1 Core**

Nominal cross-sectional area	No of wire and conductor shape		Nominal Thickness			Approximately			Bending diameter min	Standard delivery length
			Insulation	AL tape corrugated armour	Outer Sheath	Inner Sheath diameter	Overall Diameter	Net Weight		
mm²	pcs	-	mm			mm		Kg/Km	mm	m
25	7	rm	0.9	0.7	1.8	10.7	19	629	580	500
35	7	rm	0.9	0.7	1.8	11.8	20	736	630	500
50	19	rm	1.0	0.7	1.8	13.5	22	905	710	500
70	19	rm	1.1	0.7	1.8	15.5	24	1,152	790	500
85	19	rm	1.1	0.7	1.8	17.4	26	1,455	880	500
120	37	rm	1.2	0.7	1.8	19.3	28	1,751	970	500
150	37	rm	1.4	0.7	1.9	21.2	31	2,086	1,050	500
185	37	rm	1.6	0.7	2.0	23.5	34	2,519	1,170	500
240	61	rm	1.7	0.7	2.1	26.4	37	3,236	1,300	500
300	61	rm	1.8	0.7	2.2	29	39	3,903	1,410	500

ELECTRICAL DATA

Nominal cross-sectional area	Resistance at 20 °C		Current Carrying Capacity at 30 °C				Short circuit current of conductor at 1.0 sec
	DC conductor max	Insulation min	In AIR		In GROUND		
mm²	Ω/Km	MΩ.Km	A		A		kA
25	0.727	420	132	148	137	152	3.73
35	0.524	360	160	188	166	182	5.16
50	0.387	340	198	226	196	217	7.36
70	0.268	310	248	288	241	265	10.26
95	0.193	270	340	355	290	320	13.68
120	0.153	260	365	415	330	365	17.49
150	0.124	270	421	477	375	415	21.81
185	0.0991	280	488	544	425	463	26.86
240	0.0754	260	588	654	483	532	34.78
300	0.0601	250	677	755	543	613	43.41

Note : This is only general information. For other specific requirement, please contact our marketing.

SUPREME
Low Voltage XLPE
Insulated Armour Cables

Cu/XLPE/ALCA/PVC (N2XALCAY) 0.6/1(1.2) kV
IEC 60502-1
Copper conductor, XLPE insulated, aluminium tape corrugated armoured and PVC sheathed cable

Main uses : Used for indoor dan outdoor installation direct burial, preferably used where considerable mechanical strees must be envisage, in petrolrum oil, chemical and gas plants.

DIMENSIONAL & MECHANICAL DATA — **2 Cores**

Nominal cross-sectional area	No of wire and conductor shape		Nominal Thickness			Approximately			Bending diameter min	Standard delivery length
			Insulation	AL tape corrugated armour	Outer Sheath	Inner Sheath diameter	Overall Diameter	Net Weight		
mm²	pcs	-	mm			mm		Kg/Km	mm	m
25	7	rm	0.9	0.7	1.8	19.5	28	1,315	620	500
35	7	rm	0.9	0.7	2.0	21.8	31	1,648	690	500
50	19	rm	1.0	0.7	2.1	25	34	2,043	770	500
70	19	rm	1.1	0.9	2.2	29	40	2,819	910	300
70	19	sm	1.1	0.7	2.0	19.8	31	2,022	670	500
95	19	rm	1.1	0.9	2.4	33	44	3,612	1,020	300
95	19	sm	1.1	0.7	2.1	24.7	34	2,610	760	500
120	37	rm	1.2	1.2	2.5	36.8	48	4,544	1,120	250
12	37	sm	1.2	0.9	2.1	27.3	37	3,251	820	250
150	37	rm	1.4	1.2	2.7	41	53	5,473	1,240	200
150	37	sm	1.4	0.9	2.3	30.5	41	3,913	910	200

ELECTRICAL DATA

Nominal cross-sectional area	Resistance at 20 °C		Current Carrying Capacity at 30 °C		Short circuit current of conductor at 1.0 sec
	DC conductor max	Insulation min	In AIR	In GROUND	
mm²	Ω/Km	MΩ.Km	A		kA
25	0.727	409	135	151	3.73
35	0.524	353	168	180	5.16
50	0.387	334	203	211	7.36
70	0.268	309	259	259	10.26
95	0.193	266	310	314	13.68
120	0.153	257	360	359	17.49
150	0.124	270	421	399	21.81

Note : This is only general information. For other specific requirement, please contact our marketing.

Cu/XLPE/ALCA/PVC (N2XALCAY) 0.6/1(1.2) kV

IEC 60502-1

Copper conductor, XLPE insulated,
aluminium tape corrugated armoured and PVC sheathed cable

Main uses : Used for indoor dan outdoor installation direct burial, preferably used where considerable mechanical strees must be envisage, in petrolrum oil, chemical and gas plants.

DIMENSIONAL & MECHANICAL DATA — **3 Cores**

Nominal cross-sectional area	No of wire and conductor shape		Nominal Thickness			Approximately			Bending diameter min	Standard delivery length
			Insulation	AL tape corrugated armour	Outer Sheath	Inner Sheath diameter	Overall Diameter	Net Weight		
mm²	pcs	-	mm			mm		Kg/Km	mm	m
25	7	rm	0.9	0.7	1.9	20.8	30	1,603	650	500
35	7	rm	0.9	0.7	2.0	23.3	32	1,992	710	500
50	19	rm	1.0	0.9	2.1	26.7	36	2,596	810	300
70	19	rm	1.1	0.9	2.3	31.1	41	3,463	930	300
70	19	sm	1.1	0.9	2.1	26.3	36	2,943	800	300
95	19	rm	1.1	1.2	2.5	35.4	47	4,707	1,070	250
95	19	sm	1.1	0.9	2.2	29.3	39	3,806	880	300
120	37	rm	1.2	1.2	2.6	39.5	51	5,722	1,170	250
120	37	sm	1.2	0.9	2.4	33.5	44	4,686	1,000	300
150	37	rm	1.4	1.3	2.8	44	57	6,978	1,320	200
150	37	sm	1.4	1.2	2.5	36.4	48	5,789	1,080	250
185	37	rm	1.6	1.3	3.0	49.3	64	8,603	1,470	200
185	37	sm	1.6	1.2	2.7	40.4	53	7,091	1,200	250
240	61	rm	1.7	1.4	3.2	56.2	71	11,008	1,650	200
240	37	sm	1.7	1.3	2.8	45.3	58	9,060	1,320	200
300	61	rm	1.8	1.6	3.5	62.3	79	13,695	1,830	150
300	37	sm	1.8	1.3	3.0	50	64	11,114	1,460	200

ELECTRICAL DATA

Nominal cross-sectional area	Resistance at 20 °C		Current Carrying Capacity at 30 °C		Short circuit current of conductor at 1.0 sec
	DC conductor max	Insulation min	In AIR	In GROUND	
mm²	Ω/Km	MΩ.Km	A		kA
25	0.727	409	130	117	3.73
35	0.524	353	155	146	5.16
50	0.387	334	185	180	7.36
70	0.268	309	230	225	10.26
95	0.193	266	275	275	13.68
120	0.153	257	320	320	17.49
150	0.124	270	355	365	21.81
185	0.0991	275	399	416	26.86
240	0.0754	254	466	489	34.78
300	0.0601	241	523	523	43.41

Note : This is only general information. For other specific requirement, please contact our marketing.

SUPREME
Low Voltage XLPE Insulated Armour Cables

Cu/XLPE/ALCA/PVC (N2XALCAY) 0.6/1(1.2) kV
IEC 60502-1
Copper conductor, XLPE insulated, aluminium tape corrugated armoured and PVC sheathed cable

Main uses : Used for indoor dan outdoor installation direct burial, preferably used where considerable mechanical strees must be envisage, in petrolrum oil, chemical and gas plants.

DIMENSIONAL & MECHANICAL DATA — **4 Cores**

Nominal cross-sectional area	No of wire and conductor shape		Nominal Thickness			Approximately			Bending diameter min	Standard delivery length
			Insulation	AL tape corrugated armour	Outer Sheath	Inner Sheath diameter	Overall Diameter	Net Weight		
mm ²	pcs	-	mm			mm		Kg/Km	mm	m
25	7	rm	0.9	0.7	2.0	23	32	1,896	690	500
35	7	rm	0.9	0.9	2.1	25.8	35	2,511	760	300
50	19	rm	1.0	0.9	2.2	29.6	40	3,168	880	300
70	19	rm	1.1	1.2	2.4	34.6	46	4,461	1,020	250
70	19	sm	1.1	0.9	2.2	30	40	3,763	900	300
95	19	rm	1.1	1.2	2.6	39.5	51	5,804	1,140	250
95	19	sm	1.1	0.9	2.4	33.6	45	4,952	1,020	300
120	37	rm	1.2	1.3	2.8	44.1	57	7,177	1,280	200
120	37	sm	1.2	1.2	2.5	37.4	49	6,238	1,100	250
150	37	rm	1.4	1.3	3.0	49.2	64	8,732	1,430	200
150	37	sm	1.4	1.2	2.7	41.8	55	7,591	1,250	250
185	37	rm	1.6	1.4	3.2	55.1	70	10,794	1,580	200
185	37	sm	1.6	1.3	2.9	46.4	60	9,531	1,370	200
240	61	rm	1.7	1.6	3.5	62.8	79	13,991	1,790	150
240	37	sm	1.7	1.3	3.1	52.1	67	11,939	1,540	200
300	61	rm	1.8	1.6	3.8	70	88	17,165	2,000	150
300	37	sm	1.8	1.4	3.3	64.9	73	14,743	1,680	200

ELECTRICAL DATA

Nominal cross-sectional area	Resistance at 20 °C		Current Carrying Capacity at 30 °C		Short circuit current of conductor at 1.0 sec
	DC conductor max	Insulation min	In AIR	In GROUND	
mm²	Ω/Km	MΩ.Km	A		kA
25	0.727	409	130	117	3.73
35	0.524	353	155	146	5.16
50	0.387	334	185	180	7.36
70	0.268	309	230	225	10.26
95	0.193	266	275	275	13.68
120	0.153	257	320	320	17.49
150	0.124	270	355	365	21.81
185	0.0991	275	399	416	26.86
240	0.0754	254	466	489	34.78
300	0.0601	241	523	523	43.41

Note : This is only general information. For other specific requirement, please contact our marketing.

Cu/XLPE/ALCA/PVC (N2XALCAY) 0.6/1(1.2) kV

IEC 60502-1

Copper conductor, XLPE insulated,
aluminium tape corrugated armoured and PVC sheathed cable

Main uses : Used for indoor dan outdoor installation direct burial, preferably used where considerable mechanical strees must be envisage, in petrolrum oil, chemical and gas plants.

DIMENSIONAL & MECHANICAL DATA — 5 Cores

Nominal cross-sectional area	No of wire and conductor shape		Nominal Thickness			Approximately			Bending diameter min	Standard delivery length
			Insulation	AL tape corrugated armour	Outer Sheath	Inner Sheath diameter	Overall Diameter	Net Weight		
mm²	pcs	-	mm			mm		Kg/Km	mm	m
25	7	rm	0.9	0.9	2.1	25	35	2,379	750	300
35	7	rm	0.9	0.9	2.2	28	39	3,016	840	300
50	19	rm	1.0	0.9	2.4	32.8	44	3,852	980	300
70	19	rm	1.1	1.2	2.6	38.6	50	5,402	1,090	250

ELECTRICAL DATA

Nominal cross-sectional area	Resistance at 20 °C		Current Carrying Capacity at 30 °C		Short circuit current of conductor at 1.0 sec
	DC conductor max	Insulation min	In AIR	In GROUND	
mm²	Ω/Km	MΩ.Km	A		kA
25	0.727	409	130	117	3.73
35	0.524	353	155	146	5.16
50	0.387	334	185	180	7.36
70	0.268	309	230	225	10.26

Note : This is only general information. For other specific requirement, please contact our marketing.

SUPREME
Low Voltage XLPE Insulated Armour Cables

Cu/XLPE/DSTA/PVC (CVTAZV) 600 VOLT
JIS C 3605
Copper conductor, XLPE insulated, double galvanized steel tape armoured and PVC sheathed cable

Main uses : Used for indoor dan outdoor installation direct burial, preferably used where considerable mechanical strees must be envisage

DIMENSIONAL & MECHANICAL DATA — **2 Cores**

Nominal cross-sectional area	No of wire and conductor shape		Nominal Thickness			Approximately			Bending diameter min	Standard delivery length
			Insulation	AL tape armour	Outer Sheath	Inner Sheath diameter	Overall Diameter	Net Weight		
mm ²	pcs	-	mm			mm		Kg/Km	mm	m
1.5	1	re	0.8	0.2	1.5	12	16	409	260	1,000
1.5	7	rm	0.8	0.2	1.5	12	16	407	260	1,000
2.5	1	re	0.8	0.2	1.5	12	16	645	330	1,000
2.5	7	rm	0.8	0.2	1.5	12	16	642	330	1,000
4	1	re	0.8	0.2	1.5	12	16	662	340	1,000
4	7	rm	0.8	0.2	1.5	12	16	659	340	1,000
6	1	re	1.0	0.2	1.5	12	16	680	350	1,000
6	7	rm	1.0	0.2	1.5	12	16	674	350	1,000
10	1	re	1.0	0.2	1.5	12	16	729	360	1,000
10	7	rm	1.0	0.2	1.5	12.1	17	718	370	1,000
16	7	rm	1.0	0.2	1.5	14.2	19	801	370	1,000
25	7	rm	1.2	0.2	1.5	20.7	26	1,200	470	1,000
35	7	rm	1.2	0.2	1.6	23	28	1,511	530	1,000
50	19	rm	1.5	0.5	1.9	27.1	33	2,015	620	1,000
70	19	rm	2.0	0.5	2.2	32.9	41	3,206	760	1,000
95	19	rm	2.0	0.5	2.2	36.9	45	4,025	860	1,000
120	37	rm	2.0	0.5	2.2	40.3	48	4,761	930	500
150	37	rm	2.0	0.5	2.4	43.6	52	5,634	1,010	500
185	37	rm	2.5	0.5	2.7	49.8	59	7,078	1,150	500
240	61	rm	2.5	0.5	2.9	55.8	66	8,872	1,290	300
300	61	rm	2.5	0.5	3.1	61	71	10,693	1,410	300

ELECTRICAL DATA

Nominal cross-sectional area	Resistance at 20 °C		Current Carrying Capacity at 30 °C		Short circuit current of conductor at 1.0 sec
	DC conductor max	Insulation min	In AIR	In GROUND	
mm²	Ω/Km	MΩ.Km	A		kA
1.5	12.1	1,280	30	23	0.26
2.5	7.41	1,080	39	32	0.41
4	4.61	900	51	43	0.64
6	3.08	920	65	56	0.93
10	1.83	750	88	77	1.53
16	1.15	560	116	104	2.41
25	0.727	523	151	139	3.73
35	0.524	454	182	171	5.16
50	0.387	479	215	207	7.36
70	0.268	522	267	261	10.26
95	0.193	454	317	318	13.68
120	0.153	409	382	368	17.49
150	0.124	373	408	422	21.81
185	0.0991	412	457	476	26.86
240	0.0754	361	529	559	34.78
300	0.0601	326	594	637	43.41

Note : This is only general information. For other specific requirement, please contact our marketing.

Cu/XLPE/DSTA/PVC (CVTAZV) 600 VOLT

JIS C 3605/3610

Copper conductor, XLPE insulated,
double galvanized steel tape armoured and PVC sheathed cable

Main uses : Used for indoor dan outdoor installation direct burial, preferably used where considerable mechanical strees must be envisage

DIMENSIONAL & MECHANICAL DATA — **3 Cores**

Nominal cross-sectional area	No of wire and conductor shape		Nominal Thickness			Approximately			Bending diameter min	Standard delivery length
			Insulation	AL tape armour	Outer Sheath	Inner Sheath diameter	Overall Diameter	Net Weight		
mm²	pcs	-	mm			mm		Kg/Km	mm	m
1.5	1	re	0.8	0.2	1.5	12	16	413	260	1,000
1.5	7	rm	0.8	0.2	1.5	12	16	410	260	1,000
2.5	1	re	0.8	0.2	1.5	12	16	430	270	1,000
2.5	7	rm	0.8	0.2	1.5	12	16	427	270	1,000
4	1	re	0.8	0.2	1.5	12	16	427	270	1,000
4	7	rm	0.8	0.2	1.5	12	16	453	280	1,000
6	1	re	1.0	0.2	1.5	12	16	481	280	1,000
6	7	rm	1.0	0.2	1.5	12	16	474	290	1,000
10	1	re	1.0	0.2	1.5	12.1	17	557	290	1,000
10	7	rm	1.0	0.2	1.5	13.1	18	597	320	1,000
16	7	rm	1.0	0.2	1.5	15	20	828	370	1,000
25	7	rm	1.2	0.2	1.5	22.1	27	1,456	500	1,000
35	7	rm	1.2	0.2	1.7	24.6	30	1,871	560	1,000
50	19	rm	1.5	0.2	1.9	29	35	2,457	650	1,000
70	19	rm	2.0	0.5	2.3	35.3	43	3,933	810	500
95	19	rm	2.0	0.5	2.3	39.7	48	5,005	900	500
120	37	rm	2.0	0.5	2.3	43.3	52	5,985	980	500
150	37	rm	2.0	0.5	2.6	46.9	56	7,117	1,070	500
185	37	rm	2.5	0.5	2.8	53.6	63	8,911	1,210	300
240	61	rm	2.5	0.5	3.0	60.1	70	11,228	1,350	300
300	61	rm	2.5	0.5	3.3	60.7	76	13,644	1,400	250

ELECTRICAL DATA

Nominal cross-sectional area	Resistance at 20 °C		Current Carrying Capacity at 30 °C		Short circuit current of conductor at 1.0 sec
	DC conductor max	Insulation min	In AIR	In GROUND	
mm²	Ω/Km	MΩ.Km	A		kA
1.5	12.1	1,280	26	20	0.26
2.5	7.41	1080	34	29	0.41
4	4.61	900	44	38	0.64
6	3.08	920	56	49	0.93
10	1.83	750	76	67	1.53
16	1.15	560	100	91	2.41
25	0.727	523	131	123	3.73
35	0.524	454	157	149	5.16
50	0.387	479	186	182	7.36
70	0.268	522	230	229	10.26
95	0.193	454	273	276	13.68
120	0.153	409	313	328	17.49
150	0.124	373	348	365	21.81
185	0.0991	412	395	422	26.86
240	0.0754	361	456	501	34.78
300	0.0601	326	513	567	43.41

Note : This is only general information. For other specific requirement, please contact our marketing.

SUPREME
Low Voltage XLPE Insulated Armour Cables

Cu/XLPE/DSTA/PVC (CVTAZV) 600 VOLT

JIS C 3605/3610

Copper conductor, XLPE insulated, double galvanized steel tape armoured and PVC sheathed cable

Main uses : Used for indoor dan outdoor installation direct burial, preferably used where considerable mechanical strees must be envisage

DIMENSIONAL & MECHANICAL DATA — **4 Cores**

Nominal cross-sectional area	No of wire and conductor shape		Nominal Thickness			Approximately			Bending diameter min	Standard delivery length
			Insulation	AL tape armour	Outer Sheath	Inner Sheath diameter	Overall Diameter	Net Weight		
mm ²	pcs	-	mm			mm		Kg/Km	mm	m
1.5	1	re	0.8	0.2	1.5	12	16	414	260	1,000
1.5	7	rm	0.8	0.2	1.5	12	16	409	260	1,000
2.5	1	re	0.8	0.2	1.5	12	16	435	270	1,000
2.5	7	rm	0.8	0.2	1.5	12	16	431	270	1,000
4	1	re	0.8	0.2	1.5	12	16	471	270	1,000
4	7	rm	0.8	0.2	1.5	12	16	465	280	1,000
6	1	re	1.0	0.2	1.5	12	16	503	280	1,000
6	7	rm	1.0	0.2	1.5	12.5	17	517	290	1,000
10	1	re	1.0	0.2	1.5	13.5	18	677	310	1,000
10	7	rm	1.0	0.2	1.5	14.7	19	724	340	1,000
16	7	rm	1.0	0.2	1.5	17.2	22	1,015	400	1,000
25	7	rm	1.2	0.2	1.6	27.3	33	2,300	600	1,000
35	7	rm	1.2	0.2	1.8	27.3	33	2,300	600	1,000
50	19	rm	1.5	0.5	2.1	32.1	40	3,419	720	1,000
70	19	rm	2.0	0.5	2.5	44.3	48	4,849	870	500
95	19	rm	2.0	0.5	2.5	48.4	57	6,202	980	500
120	37	rm	2.0	0.5	2.5	48.4	57	7,444	1,070	500
150	37	rm	2.0	0.5	2.8	52.4	62	8,871	1,160	300
185	37	rm	2.5	0.5	3.1	59.9	70	11,153	1,310	300
240	61	rm	2.5	0.5	3.3	67.1	78	14,073	1,470	250
300	61	rm	2.5	0.8	3.6	73.4	86	17,972	1,630	200

ELECTRICAL DATA

Nominal cross-sectional area	Resistance at 20 °C		Current Carrying Capacity at 30 °C		Short circuit current of conductor at 1.0 sec
	DC conductor max	Insulation min	In AIR	In GROUND	
mm²	Ω/Km	MΩ.Km	A		kA
1.5	12.1	1,280	26	20	0.26
2.5	7.41	1080	34	29	0.41
4	4.61	900	44	38	0.64
6	3.08	920	56	49	0.93
10	1.83	750	76	67	1.53
16	1.15	560	100	91	2.41
25	0.727	523	131	123	3.73
35	0.524	454	157	149	5.16
50	0.387	479	186	182	7.36
70	0.268	522	230	229	10.26
95	0.193	454	273	276	13.68
120	0.153	409	313	328	17.49
150	0.124	373	348	365	21.81
185	0.0991	412	395	422	26.86
240	0.0754	361	456	501	34.78
300	0.0601	326	513	567	43.41

Note : This is only general information. For other specific requirement, please contact our marketing.

SUPREME

Installation Guide

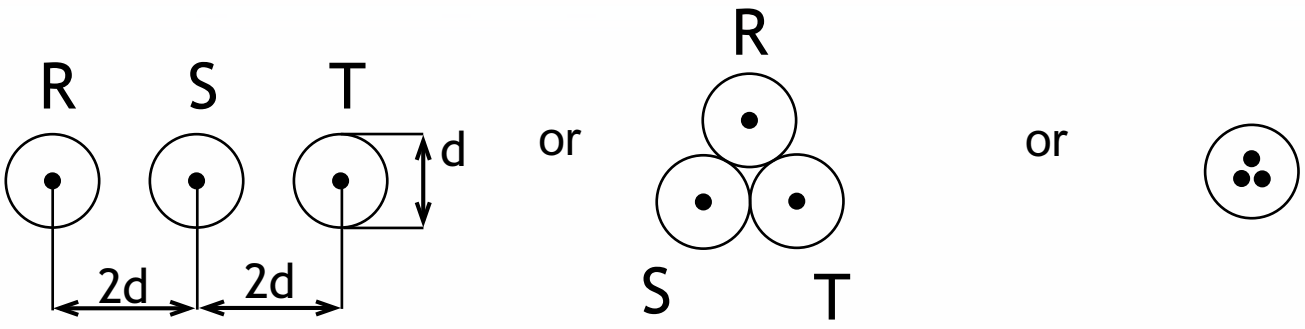
&

Derating Factors

Conditions for current carrying capacity

The tabulated current ratings are designed by the conditions as below :

- One circuit of three phase load.



- Load factor = 1.0
- Maximum operating conductor temperature :

  70° C (PVC insulation) and 90°C (XLPE insulation)
  No other heat sources installed near the group of cables.
- Cable laying :

  in air : - Ambient temperature : 30°C

  - The cable have to protected against heat radiation of the sun as well as sufficiently large and ventilated rooms whose temperature is not perceptibly increased by the heat dissipating from the loaded cable.

  in ground :
  - Soil temperature : 30°C
  - Depth of laying : 70 cm
  - Specific thermal resistivity of soil : 100°C.m/watt

NOTE :

If the actual installed conditions are different from the above mentioned condition, the tabulated current ratings should be multiplied by the appropriate derating factors as shown in tables on the next pages.

DERATING FACTORS

A. Grouping in the ground.

1 Variation in ground temperature.

	Ground temperatures (°C)						
	20	25	30	35	40	45	50
XLPE insulation	1.08	1.04	1.00	0.96	0.91	0.87	0.82
PVC insulation	1.12	1.07	1.00	0.94	0.87	0.79	0.71

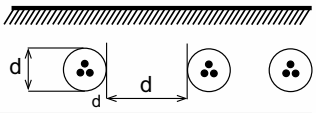
2 Variation in thermal resistivity of soil.

	Thermal resistivity of soil (°C.cm/watt)			
	70	100	150	250
XLPE insulation	1.12	1.0	0.87	0.78
PVC insulation	1.11	1.0	0.82	0.70

3 Variation in depth of laying.

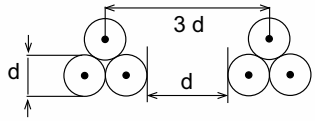
	Depth of laying (cm)					
	50	70	100	120	160	200
XLPE insulation	1.02	1.00	0.98	0.97	0.95	0.94
PVC insulation	1.01	1.00	0.99	0.98	0.97	0.96

4 **GROUPING** of **multicore** cables.



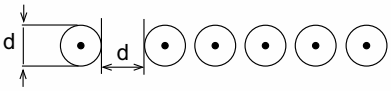
	Number 0f grouping							
	1	2	3	4	5	6	8	10
XLPE insulation	1.00	0.86	0.76	0.71	0.67	0.64	0.60	0.57
PVC insulation	1.00	0.85	0.75	0.68	0.64	0.60	0.56	0.53

5 **GROUPING** of **single core** cables (**Trefoil** formation)



	Number 0f grouping							
	1	2	3	4	5	6	8	10
XLPE insulation	1.00	0.89	0.82	0.78	0.75	0.73	0.70	0.68
PVC insulation	1.00	0.90	0.82	0.79	0.76	0.74	0.71	0.69

6 **GROUPING** of **single core** cables (**Flat** formation)



	Number 0f grouping							
	1	2	3	4	5	6	8	10
XLPE insulation	1.00	0.87	0.77	0.73	0.70	0.68	0.65	0.63
PVC insulation	1.00	0.87	0.78	0.74	0.70	0.68	0.65	0.63

B. Grouping in air.

1 Variation in air temperature.

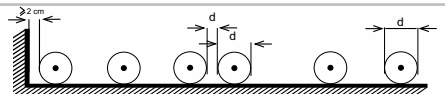
	Air temperatures (°C)							
	20	25	30	35	40	45	50	55
XLPE insulation	1.08	1.04	1.00	0.96	0.91	0.87	0.82	0.76
PVC insulation	1.12	1.07	1.00	0.93	0.87	0.79	0.71	0.61

2 Single core cables in three phase system.

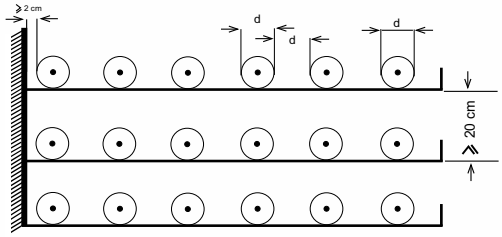
2.1 Flat formation.

Minimum distance from the wall is 2.0 cm. Clearance between systems = Cable diameter (d)	Number of system		
	1	2	3

2.1.1 Laid on the ground in flat formation.

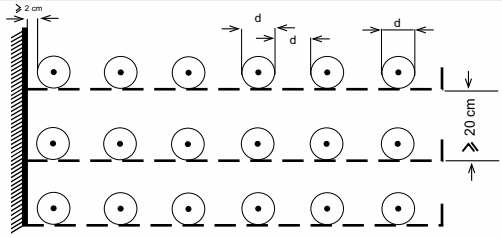
	Derating factor		
	0.92	0.89	0.88

2.1.2 Laid on troughs (air circulation is restricted)



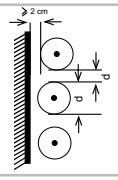
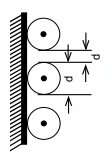
Number of troughs	Derating factor		
1	0.92	0.89	0.88
2	0.87	0.84	0.83
3	0.84	0.82	0.81
6	0.82	0.80	0.79

2.1.3 Laid on the racks in flat formation.



Number of racks	Derating factor		
1	1.00	0.97	0.96
2	0.97	0.94	0.93
3	0.96	0.93	0.92
6	0.94	0.91	0.90

2.1.4 Arranged on structures or on the wall.

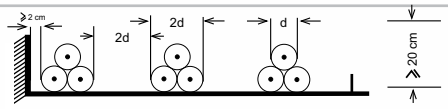
		Derating factor		
		0.94	0.91	0.89
	Touching the wall.	0.89	0.86	0.84

B. Grouping in air (continued)

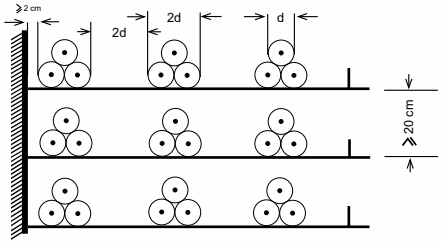
2.2 Trefoil formation.

Minimum distance from the wall is 2.0 cm. Clearance between systems = 2 x Cable diameter (2 d)	Number of system		
	1	2	3

2.2.1 Laid on the ground in trefoil formation.

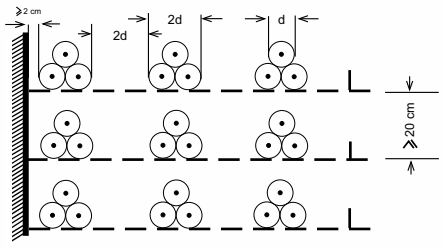
	Derating factor		
	0.95	0.90	0.88

2.2.2 Laid on troughs (air circulation is restricted)



Number of troughs	Derating factor		
1	0.95	0.90	0.88
2	0.90	8.85	0.83
3	0.88	0.83	0.81
6	0.86	0.81	0.79

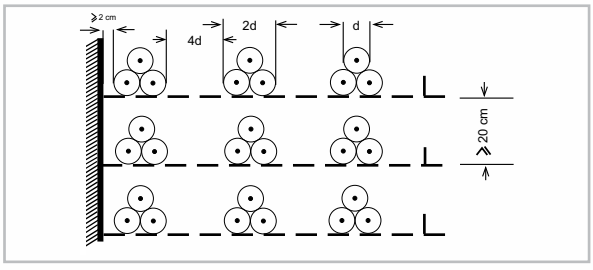
2.2.3 Laid on the racks in trefoil formation.



Number of racks	Derating factor		
1	1.00	0.98	0.96
2	1.00	0.95	0.93
3	1.00	0.94	0.92
6	1.00	0.93	0.90

2.2.4 Arrangement for which a reduction of the current rating is not necessary (for any number of systems)

- Minimum distance from the wall is 2.0 cm.
- Clearance between cables = 4 x cable diameter (4d).



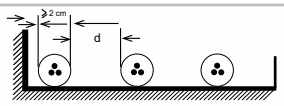
B. Grouping in air (continued).

3 Multicore cables in three phase system and single core cables in DC system.

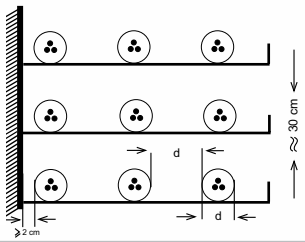
3.1 Minimum distance from the wall is 2.0 cm. Clearance between cables = Cable diameter (d)

Number of system				
1	2	3	6	9

3.1.1 Laid on the ground in flat formation.

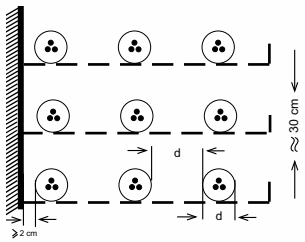
	Derating factor				
	0.95	0.90	0.88	0.85	0.84

3.1.2 Laid on troughs (air circulation is restricted)



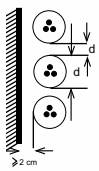
Number of troughs	Derating factor				
1	0.95	0.90	0.88	0.85	0.84
2	0.90	0.85	0.83	0.81	0.80
3	0.88	0.83	0.81	0.79	0.78
6	0.86	0.81	0.79	0.77	0.76

3.1.3 Laid on the racks in flat formation.



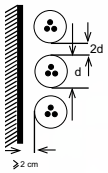
Number of troughs	Derating factor				
1	1.00	0.98	0.96	0.93	0.92
2	1.00	0.95	0.93	0.90	0.89
3	1.00	0.94	0.92	0.89	0.88
6	1.00	0.93	0.90	0.87	0.86

3.1.4 Arranged on structures or on the wall.

	Derating factor				
	1.00	0.93	0.90	0.87	0.86

3.1.5 Arrangement for which a reduction of the current rating is not necessary (for any number of cables)

- Minimum distance from the wall is 2.0 cm.
- Clearance between cables = 2 x cable diameter (2d).

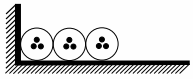


B. Grouping in air (continued).

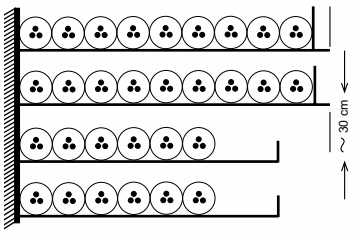
3.2 Cables touching throughout and in contact with the wall.

	Number of system				
	1	2	3	6	9

3.2.1 Laid on the ground in flat formation.

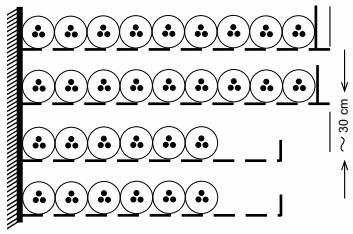
	Derating factor				
	0.90	0.84	0.80	0.75	0.73

3.2.2 Laid on troughs (air circulation is restricted)



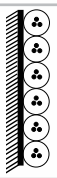
Number of troughs	Derating factor				
1	0.95	0.84	0.80	0.75	0.73
2	0.95	0.80	0.76	0.71	0.69
3	0.95	0.78	0.74	0.70	0.68
6	0.95	0.76	0.72	0.68	0.66

3.2.3 Laid on the racks in flat formation.



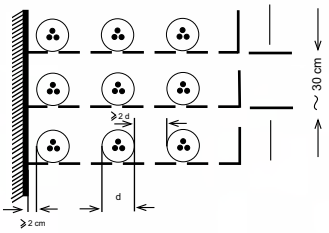
Number of troughs	Derating factor				
1	0.95	0.84	0.80	0.75	0.73
2	0.95	0.80	0.76	0.71	0.69
3	0.95	0.78	0.74	0.70	0.68
6	0.95	0.76	0.72	0.68	0.66

3.2.4 Arranged on structures or on the wall.

	Derating factor				
	0.95	0.78	0.73	0.68	0.66

3.2.5 Arrangement for which a reduction of the current rating is not necessary (for any number of cables)

- Minimum distance from the wall is 2.0 cm.
- Clearance between cables = 2 x cable diameter (2d).



CONVERSION TABLE

Nominal cross sectional area			Wire gauge			
mm^2	Inc^2	Circular Mils (CM)	Equivalent Metric CSA	AWG	BWG	SWG
	0.0005	644	0.325	22	-	-
	0.0006	487	0.397	-	22	22
	0.0006	821	0.416	21	-	-
0.50	0.0008	987	-	-	-	-
	0.0008	1,021	0.517	20	-	-
	0.0008	1,025	0.519	-	21	21
	0.0009	1,198	0.607	-	20	-
	0.0010	1,289	0.653	19	-	-
	0.0010	1,297	0.657	-	-	20
	0.0013	1,601	0.811	-	-	19
0.75	0.0012	1,481	-	-	-	-
	0.0013	1,625	0.823	18	-	-
	0.0014	1,765	0.894	-	19	-
1.0	0.0016	1,974	-	-	-	-
	0.0016	2,053	1.040	17	-	-
	0.0016	2,304	1.167	-	-	18
	0.0019	2,402	1.217	-	18	-
	0.0020	2,584	1.309	16	-	-
1.5	0.0023	2,961	-	-	-	-
	0.0025	3,137	1.589	-	-	17
	0.0026	3,257	1.650	15	-	-
	0.0026	3,366	1.705	-	17	-
	0.0032	4,096	2.075	-	-	16
	0.0032	4,108	2.081	14	-	-
	0.0033	4,226	2.141	-	16	-
2.5	0.0039	4,935	-	-	-	-
	0.0040	5,180	2.624	13	-	-
	0.0040	5,186	2.627	-	15	15
	0.0050	6,402	3.243	-	-	14
	0.0051	6,532	3.309	12	-	-
	0.0054	6,891	3.491	-	14	-
4	0.0062	7,896	-	-	-	-
	0.0065	8,236	4.172	11	-	-
	0.0066	8,466	4.269	-	-	13
	0.0071	9,072	4.573	-	13	-
	0.0082	10,387	5.262	10	-	-
	0.0085	10,819	5.481	-	-	12
	0.0093	11,883	6.020	-	12	-
6	0.0093	11,844	-	-	-	-
	0.0103	13,092	6.632	9	-	-
	0.0106	13,459	6.816	-	-	11
	0.0113	14,404	7.297	-	11	-
	0.0129	16,388	8.302	-	-	10
	0.0130	16,518	8.368	8	-	-
	0.0141	17,959	9.098	-	10	-
10	0.0155	19,740	-	-	-	-
	0.0163	20,766	10.520	-	-	9
	0.0164	20,826	10.550	7	-	-
	0.0172	21,911	11.100	-	9	-
	0.0201	25,603	12.970	-	-	8
	0.0206	26,254	13.300	6	-	-
	0.0214	27,241	13.800	-	8	-
	0.0243	30,992	15.700	-	-	7
16	0.0248	31,584	-	-	-	-
	0.0255	32,413	16.420	-	7	-
	0.0260	33,104	16.770	5	-	-

Nominal cross sectional area			Wire gauge			
mm^2	Inc^2	Circular Mils (CM)	Equivalent Metric CSA	AWG	BWG	SWG
	0.0290	36,874	18.68	-	-	6
	0.0324	41,217	20.88	-	6	-
	0.0326	41,750	21.15	4	-	-
	0.0353	44,948	22.77	-	-	5
	0.0380	48,402	24.52	-	5	-
25	0.0388	49,350	-	-	-	-
	0.0413	52,627	26.66	3	-	-
	0.0423	53,831	27.27	-	-	4
	0.0445	56,654	28.70	-	4	-
	0.0499	63,523	32.18	-	-	3
	0.0521	66,386	33.63	2	-	-
	0.0527	67,096	33.99	-	3	-
35	0.0543	69,090	-	-	-	-
	0.0598	76,196	28.60	-	-	2
	0.0633	80,677	40.87	-	2	-
	0.0657	83,717	42.41	1	-	-
	0.0707	90,014	45.60	-	1	1
50	0.0775	98,700	-	-	-	-
	0.0824	404,997	53.19	-	-	1/0
	0.0829	105,589	53.49	1/0	-	-
	0.0908	115,637	58.58	-	1/0	-
	0.0951	121,125	61.36	-	-	2/0
	0.1045	133,087	67.42	2/0	-	-
70	0.1085	138,180	-	-	-	-
	0.1087	138,417	70.12	-	-	3/0
	0.1134	144,438	73.17	-	2/0	-
	0.1257	160,032	81.07	-	-	4/0
	0.1318	167,849	85.03	3/0	-	-
	0.1419	180,660	91.52	-	3/0	-
	0.1466	186,661	94.56	-	-	5/0
95	0.1473	187,530	-	-	-	-
	0.1616	206,086	104.40	-	4/0	-
	0.1691	211,613	107.20	4/0	-	-
	0.1860	215,363	109.10	-	-	6/0
120	0.1860	236,880	-	-	-	-
	0.1963	249,987	126.64	-	-	-
	0.1964	250,106	126.70	-	5/0	7/0
	0.2091	266,332	134.92	5/0	-	-
150	0.2325	296,100	-	-	-	-
	0.2356	300,048	152.00	-	-	-
	0.2642	336,488	170.46	6/0	-	-
185	0.2868	365,190	-	-	-	-
	0.3142	400,150	202.71	-	-	-
240	0.3720	473,760	-	-	-	-
	0.3927	500,113	253.35	-	-	-
300	0.4650	592,200	-	-	-	-
	0.4712	600,096	304.00	-	-	-
	0.5498	700,198	354.71	-	-	-
400	0.6200	789,600	-	-	-	-
	0.6283	800,161	405.35	-	-	-
500	0.7750	987,000		-	-	-
	0.7854	1,000,246	506.71	-	-	-
625	0.9688	1,233,750	-	-	-	-
630	0.9765	1,243,620	-	-	-	-
800	1.2400	1,597,200	-	-	-	-
1,000	1.5500	1,974,000	-	-	-	-

Note : • AWG = American Wire Gauge • BWG = Birmingham Wire Gauge • SWG = British Standard Wire Gauge