

NY Y

LOW VOLTAGE NON ARMoured
CABLE (COPPER CONDUCTOR, PVC
INSULATED AND PVC SHEATHED)

Type of Cable : NY Y or CU/PVC/PVC

Rated Voltage : 0.6/1 kV

Size Range : 1 x 1.5 ... 500 mm²

2 x 1.5 ... 150 mm²

3 x 1.5 ... 300 mm²

4 x 1.5 ... 300 mm²

5 x 1.5 ... 50 mm²

7 x 1.5 ... 61 x 6 mm²

Specification : SPLN 43-1 : 1994

SNI IEC 60502-1 2009

VDE 0271

IEC 60502

Other Specification are available on request

Application : Indoor and Outdoor

induct installation or of

laying in the ground where

not sustain mechanical

damage

Identification of Cores

Single-Core : Black

Twin-Cores : Light-Blue, Black

Three-Cores : System I

Green with yellow stripe (G/Y), Blue, Brown

System O

Brown, Black, Grey

Four-Cores : System I

Green with yellow stripe (G/Y), Brown, Black, Grey

System O

Blue, Brown, Black, Grey

Five-Cores : System I

Green with yellow stripe (G/Y), Blue, Brown, Black, Grey

System O

Blue, Brown, Black, Grey, Black

Above Five Cores : Black with white number

Other colours are available on request

Construction :

1. Annealed Copper Conductor

2. Extruded PVC Insulated

3. Extruded PVC Outer Sheathed

Special Features on Request :

- Oil Resistance
- Flame Retardant Cat. A, B, C
- Flame Retardant Non Category
- Nylon Coated



SINGLE - CORE NON ARMoured CABLE

(COPPER CONDUCTOR, PVC INSULATED AND SHEATHED)

Type of Cable : NY Y or CU/PVC/PVC

Rated Voltage : 0.6/1 kV

Specification

: SPLN 43-1 : 1994

SNI IEC 60502-1 2009

IEC 60502

(other specifications are available on request)

CONSTRUCTION

No. of Core	Size	Conductor		Wall Thickness		Approx Overall Diameter	Approx Net. Weight	Standard Length	Packing
		Construction	No. of Wire	Insulation	Sheath				
-	mm ²	-	-	mm	mm	mm	Kg/Km	m	-
1	1.5	re/rm	1/7	0.8	1.8	6.8	69	100	Coil
1	2.5	re/rm	1/7	0.9	1.8	7.4	80	100	Coil
1	4	re/rm	1/7	1.0	1.8	8.0	103	100	Coil
1	6	re/rm	1	1.0	1.8	8.5	130	100	Coil
1	10	re/rm	1	1.0	1.8	9.4	175	100	Coil
1	16	rm	7	1.0	1.8	10.8	252	100	Coil
1	25	rm	7	1.2	1.8	12.5	365	1000	Drum
1	35	rm	7	1.2	1.8	13.8	470	1000	Drum
1	50	rm	19	1.4	1.8	15.8	645	1000	Drum
1	70	rm	19	1.4	1.8	17.2	832	1000	Drum
1	95	rm	19	1.6	1.8	19.4	1115	1000	Drum
1	120	rm	37	1.6	1.8	21.0	1360	1000	Drum
1	150	rm	37	1.8	1.8	23.0	1680	1000	Drum
1	185	rm	37	2.0	2.0	25.6	2070	1000	Drum
1	240	rm	61	2.2	2.0	28.6	2685	1000	Drum
1	300	rm	61	2.4	2.0	31.3	3294	1000	Drum
1	400	rm	61	2.6	2.2	35.1	4210	1000	Drum
1	500	rm	61	3.0	2.2	38.9	5240	1000	Drum

CHARACTERISTICS

No of. Core	Size	Resistance at 20°C		Current Carrying Capacity at 30°C		Short Circuit Current at 1 sec.	AC Voltage Test
				In Ground	In Air		
		Conductor	Insulation	 / 	 / 		
-	mm ²	Ohm / km	M.Ohm.km	Amper	Amper	KA	KV / 5 min
1	1.5	12.1	50	33	26	0.17	3.5
1	2.5	7.41	50	45	35	0.29	3.5
1	4	4.61	50	58	46	0.46	3.5
1	6	3.08	40	74	58	0.70	3.5
1	10	1.83	30	98	80	1.16	3.5
1	16	1.15	30	129 / 132	105 / 107	1.86	3.5
1	25	0.727	30	169 / 172	140 / 143	2.91	3.5
1	35	0.524	20	210 / 214	175 / 179	4.07	3.5
1	50	0.387	20	250 / 255	215 / 219	5.81	3.5
1	70	0.268	20	310 / 316	270 / 275	8.14	3.5
1	95	0.193	20	375 / 383	335 / 342	11.05	3.5
1	120	0.153	20	425 / 434	390 / 398	13.95	3.5
1	150	0.124	20	480 / 490	445 / 454	17.44	3.5
1	185	0.0991	20	550 / 561	510 / 520	21.51	3.5
1	240	0.0754	20	640 / 653	620 / 632	27.91	3.5
1	300	0.0601	20	730 / 745	710 / 724	34.88	3.5
1	400	0.0470	20	855 / 872	850 / 867	46.51	3.5
1	500	0.0366	20	990 / 1010	1000 / 1020	58.14	3.5

Note* : If site condition are different ratings should be multiplied by rating factors as show in table page 78-83

TWIN - CORES NON ARMoured Cabled

(COPPER CONDUCTOR, PVC INSULATED AND SHEATHED)

Type of Cable	: NYY or CU/PVC/PVC	Specification	: SPLN 43-1 : 1994
Rated Voltage	: 0.6/1 kV		SNI IEC 60502-1 2009
			IEC 60502
		(other specifications are available on request)	

CONSTRUCTION									
No. of Core	Size	Conductor		Wall Thickness		Approx Overall Diameter	Approx Net. Weight	Standard Length	Packing
		Construction	No. of Wire	Insulation	Sheath				
-	mm ²	-	-	mm	mm	mm	Kg/Km	m	-
2	1.5	re/rm	1/7	0.8	1.8	11.4	170	100	Coil
2	2.5	re/rm	1/7	0.9	1.8	12.5	216	100	Coil
2	4	re/rm	1/7	1.0	1.8	13.8	280	100	Coil
2	6	re/rm	1	1.0	1.8	14.8	341	100	Coil
2	10	re/rm	1	1.0	1.8	16.4	451	100	Coil
2	16	rm	7	1.0	1.8	19.4	669	1000	Coil
2	25	rm	7	1.2	2.0	23.9	1033	1000	Drum
2	35	rm	7	1.2	2.0	30.0	1310	1000	Drum
2	50	rm/sm	19	1.4	2.0	30.0	1748	1000	Drum
2	70	rm/sm	19	1.4	2.2	32.9	2232	1000	Drum
2	95	rm/sm	19	1.6	2.2	37.9	2982	500	Drum
2	120	rm/sm	37	1.6	2.2	41.1	3565	500	Drum
2	150	rm/sm	37	1.8	2.6	45.9	4538	500	Drum

CHARACTERISTICS							
No of. Core	Size	Resistance at 20°C		Current Caring Capacity at 30°C		Short Circuit Current at 1 sec.	AC Voltage Test
		Conductor	Insulation	In Ground	In Air		
-	mm ²	Ohm / km	M.Ohm.km	Amper	Amper	KA	KV / 5 min
2	1.5	12.1	50	27	21	0.17	3.5
2	2.5	7.41	50	36	29	0.29	3.5
2	4	4.61	50	47	38	0.46	3.5
2	6	3.08	40	59	48	0.70	3.5
2	10	1.83	30	78	66	1.16	3.5
2	16	1.15	30	102	90	1.86	3.5
2	25	0.727	30	134	120	2.90	3.5
2	35	0.524	20	160	150	4.06	3.5
2	50	0.387	20	187	180	5.80	3.5
2	70	0.268	20	230	230	8.12	3.5
2	95	0.193	20	280	275	11.02	3.5
2	120	0.153	20	320	320	13.92	3.5
2	150	0.124	20	355	375	17.40	3.5

Note* : If site condition are different ratings should be multiplied by rating factors as show in table page 78-83

THREE - CORES NON ARMoured Cabled

(COPPER CONDUCTOR, PVC INSULATED AND SHEATHED)

Type of Cable	: NYY or CU/PVC/PVC	Specification	: SPLN 43-1 : 1994
Rated Voltage	: 0.6/1 kV		SNI IEC 60502-1 2009
			IEC 60502
		(other specifications are available on request)	

CONSTRUCTION									
No. of Core	Size	Conductor		Wall Thickness		Approx Overall Diameter	Approx Net. Weight	Standard Length	Packing
		Construction	No. of Wire	Insulation	Sheath				
-	mm ²	-	-	mm	mm	mm	Kg/Km	m	-
3	1.5	re/rm	1/7	0.8	1.8	11.8	192	100	Coil
3	2.5	re/rm	1/7	0.9	1.8	13.0	251	100	Coil
3	4	re/rm	1/7	1.0	1.8	14.5	330	100	Coil
3	6	re/rm	1	1.0	1.8	15.6	413	100	Coil
3	10	re/rm	1	1.0	1.8	17.3	563	100	Coil
3	16	rm	7	1.0	1.8	21.3	882	1000	Drum
3	25	rm	7	1.2	2.0	25.3	1302	1000	Drum
3	35	rm	7	1.2	2.0	27.9	1670	1000	Drum
3	50	sm	19	1.4	2.0	27.9	1945	1000	Drum
3	70	sm	19	1.4	2.0	31.2	2613	500	Drum
3	95	sm	19	1.6	2.2	35.7	3467	500	Drum
3	120	sm	37	1.6	2.2	38.3	4217	500	Drum
3	150	sm	37	1.8	2.6	42.3	5234	300	Drum
3	185	sm	37	2.0	2.6	46.9	6478	300	Drum
3	240	sm	61	2.2	2.6	51.7	9102	250	Drum
3	300	sm	61	2.4	3.0	56.2	10020	250	Drum

CHARACTERISTICS							
No of. Core	Size	Resistance at 20°C		Current Caring Capacity at 30°C		Short Circuit Current at 1 sec.	AC Voltage Test
		Conductor	Insulation	In Ground	In Air		
-	mm ²	Ohm / km	M.Ohm.km	Amper	Amper	KA	KV / 5 min
3	1.5	12.1	50	24	19	0.17	3.5
3	2.5	7.41	50	32	26	0.29	3.5
3	4	4.61	50	42	34	0.46	3.5
3	6	3.08	40	53	43	0.70	3.5
3	10	1.83	30	69	59	1.16	3.5
3	16	1.15	30	91	80	1.86	3.5
3	25	0.727	30	119	107	2.90	3.5
3	35	0.524	20	142	134	4.06	3.5
3	50	0.387	20	166	160	5.80	3.5
3	70	0.268	20	205	205	8.12	3.5
3	95	0.193	20	249	245	11.02	3.5
3	120	0.153	20	285	285	13.92	3.5
3	150	0.124	20	316	325	17.40	3.5
3	185	0.0991	20	355	370	21.51	3.5
3	240	0.0754	20	415	435	27.91	3.5
3	300	0.0601	20	465	500	34.88	3.5

Note* : If site condition are different ratings should be multiplied by rating factors as show in table page 78-83

FOUR - CORES NON ARMoured CABLED

(COPPER CONDUCTOR, PVC INSULATED AND SHEATHED)

Type of Cable	: NYY or CU/PVC/PVC	Specification	: SPLN 43-1 : 1994
Rated Voltage	: 0.6/1 kV		SNI IEC 60502-1 2009
			IEC 60502
		(other specifications are available on request)	

CONSTRUCTION									
No. of Core	Size	Conductor		Wall Thickness		Approx Overall Diameter	Approx Net. Weight	Standard Length	Packing
		Construction	No. of Wire	Insulation	Sheath				
-	mm ²	-	-	mm	mm	mm	Kg/Km	m	-
4	1.5	re/rm	1/7	0.8	1.8	12.5	225	100	Coil
4	2.5	re/rm	1/7	0.9	1.8	14.0	299	100	Coil
4	4	re/rm	1/7	1.0	1.8	15.7	399	100	Coil
4	6	re/rm	1	1.0	1.8	16.9	503	100	Coil
4	10	re/rm	1	1.0	1.8	18.7	697	1000	Drum
4	16	rm	7	1.0	1.8	23.6	1117	1000	Drum
4	25	rm	7	1.2	2.0	27.6	1625	1000	Drum
4	35	rm	7	1.2	2.0	30.6	2096	1000	Drum
4	50	sm	19	1.4	2.0	30.6	2388	1000	Drum
4	70	sm	19	1.4	2.2	33.8	3205	500	Drum
4	95	sm	19	1.6	2.2	39.0	4225	500	Drum
4	120	sm	37	1.6	2.2	42.2	5264	500	Drum
4	150	sm	37	1.8	2.6	47.1	5526	300	Drum
4	185	sm	37	2.0	2.6	51.7	8033	300	Drum
4	240	sm	61	2.2	3.0	57.5	10633	250	Drum
4	300	sm	61	2.4	3.4	65.9	13343	200	Drum

CHARACTERISTICS							
No of. Core	Size	Resistance at 20°C		Current Carrying Capacity at 30°C		Short Circuit Current at 1 sec.	AC Voltage Test
		Conductor	Insulation	In Ground	In Air		
-	mm ²	Ohm / km	M.Ohm.km	Amper	Amper	KA	KV / 5 min
4	1.5	12.1	50	24	19	0.17	3.5
4	2.5	7.41	50	32	26	0.29	3.5
4	4	4.61	50	42	34	0.46	3.5
4	6	3.08	40	53	43	0.70	3.5
4	10	1.83	30	69	59	1.16	3.5
4	16	1.15	30	91	80	1.86	3.5
4	25	0.727	30	119	107	2.90	3.5
4	35	0.524	20	142	134	4.06	3.5
4	50	0.387	20	166	160	5.80	3.5
4	70	0.268	20	205	205	8.12	3.5
4	95	0.193	20	249	245	11.02	3.5
4	120	0.153	20	285	285	13.92	3.5
4	150	0.124	20	316	334	17.40	3.5
4	185	0.0991	20	355	370	21.51	3.5
4	240	0.0754	20	415	435	27.91	3.5
4	300	0.0601	20	465	500	34.88	3.5

Note* : If site condition are different ratings should be multiplied by rating factors as show in table page 78-83

FIVE - CORES NON ARMoured CABLED

(COPPER CONDUCTOR, PVC INSULATED AND SHEATHED)

Type of Cable	: NYY or CU/PVC/PVC	Specification	: SPLN 43-1 : 1994
Rated Voltage	: 0.6/1 kV		SNI IEC 60502-1 2009
			IEC 60502
		(other specifications are available on request)	

CONSTRUCTION									
No. of Core	Size	Conductor		Wall Thickness		Approx Overall Diameter	Approx Net. Weight	Standard Length	Packing
		Construction	No. of Wire	Insulation	Sheath				
-	mm ²	-	-	mm	mm	mm	Kg/Km	m	-
5	1.5	re/rm	1/7	0.8	1.8	13.3	260	100	Coil
5	2.5	re/rm	1/7	0.9	1.8	15.0	346	100	Coil
5	4	re/rm	1/7	1.0	1.8	16.9	468	100	Coil
5	6	re/rm	1/7	1.0	1.8	18.8	591	100	Coil
5	10	re/rm	1/7	1.0	1.8	20.3	828	1000	Drum
5	16	rm	7	1.0	2.0	25.9	1331	1000	Drum
5	25	rm	7	1.2	2.0	29.8	1918	1000	Drum
5	35	rm	7	1.2	2.0	33.1	2491	1000	Drum
5	50	rm/sm	19	1.4	2.0	38.1	3427	500	Drum

CHARACTERISTICS							
No of. Core	Size	Resistance at 20°C		Current Carrying Capacity at 30°C		Short Circuit Current at 1 sec.	AC Voltage Test
		Conductor	Insulation	In Ground	In Air		
-	mm ²	Ohm / km	M.Ohm.km	Amper	Amper	KA	KV / 5 min
5	1.5	12.1	50	24	19	0.17	3.5
5	2.5	7.41	50	32	26	0.29	3.5
5	4	4.61	50	42	34	0.46	3.5
5	6	3.08	40	53	43	0.70	3.5
5	10	1.83	30	69	59	1.16	3.5
5	16	1.15	30	91	80	1.86	3.5
5	25	0.727	30	119	107	2.90	3.5
5	35	0.524	20	142	134	4.06	3.5
5	50	0.387	20	166	160	5.80	3.5

Note* : If site condition are different ratings should be multiplied by rating factors as show in table page 78-83

NON ARMoured CONTROL Cabled

(COPPER CONDUCTOR, PVC INSULATED AND SHEATHED)

Type of Cable
Rated Voltage

: NYY or CU/PVC/PVC
: 0.6/1 kV

Specification

: SPLN 43-1 : 1994
SNI IEC 60502-1 2009
IEC 60502
(other specifications are available on request)

CONSTRUCTION									
No. of Core	Size	Conductor		Wall Thickness		Approx Overall Diameter	Approx Net. Weight	Standard Length	Packing
		Construction	No. of Wire	Insulation	Sheath				
-	mm ²	-	-	mm	mm	mm	Kg/Km	m	-
7	1.5	re/rm	1/7	0.8	1.8	13.7	304	500	Drum
8	1.5	re/rm	1/7	0.8	1.8	16.7	348	500	Drum
10	1.5	re/rm	1/7	0.8	1.8	16.7	372	500	Drum
12	1.5	re/rm	1/7	0.8	1.8	17.6	471	500	Drum
14	1.5	re/rm	1/7	0.8	1.8	17.6	485	500	Drum
16	1.5	re/rm	1/7	0.8	1.8	18.6	580	500	Drum
19	1.5	re/rm	1/7	0.8	1.8	19.6	599	500	Drum
21	1.5	re/rm	1/7	0.8	1.8	22.5	681	500	Drum
24	1.5	re/rm	1/7	0.8	2.0	22.5	744	500	Drum
30	1.5	re/rm	1/7	0.8	2.0	24.5	903	500	Drum
40	1.5	re/rm	1/7	0.8	2.0	29.4	1184	500	Drum
52	1.5	re/rm	1/7	0.8	2.0	30.4	1444	500	Drum
61	1.5	re/rm	1/7	0.8	2.0	32.4	1681	500	Drum

CHARACTERISTICS							
No of. Core	Size	Resistance at 20°C		Current Carring Capacity at 30°C		Short Circuit Current at 1 sec.	AC Voltage Test
		Conductor	Insulation	In Ground	In Air		
-	mm ²	Ohm / km	M.Ohm.km	Amper	Amper	KA	KV / 5 min
7	1.5	12.1	50	14	10	0.17	3.5
8	1.5	12.1	50	14	10	0.17	3.5
10	1.5	12.1	50	12	9	0.17	3.5
12	1.5	12.1	50	10	8	0.17	3.5
14	1.5	12.1	50	10	8	0.17	3.5
16	1.5	12.1	50	10	8	0.17	3.5
19	1.5	12.1	50	9	8	0.17	3.5
21	1.5	12.1	50	8	7	0.17	3.5
24	1.5	12.1	50	8	7	0.17	3.5
30	1.5	12.1	50	8	7	0.17	3.5
40	1.5	12.1	50	7	6	0.17	3.5
52	1.5	12.1	50	7	6	0.17	3.5
61	1.5	12.1	50	6	5	0.17	3.5

Note* : If site condition are different ratings should be multiplied by rating factors as show in table page 78-83

NON ARMoured CONTROL Cabled

(COPPER CONDUCTOR, PVC INSULATED AND SHEATHED)

Type of Cable
Rated Voltage

: NYY or CU/PVC/PVC
: 0.6/1 kV

Specification

: SPLN 43-1 : 1994
SNI IEC 60502-1 2009
IEC 60502
(other specifications are available on request)

CONSTRUCTION									
No. of Core	Size	Conductor		Wall Thickness		Approx Overall Diameter	Approx Net. Weight	Standard Length	Packing
		Construction	No. of Wire	Insulation	Sheath				
-	mm ²	-	-	mm	mm	mm	Kg/Km	m	-
7	2.5	re/rm	1/7	0.8	1.8	15.7	423	500	Drum
8	2.5	re/rm	1/7	0.8	1.8	18.5	483	500	Drum
10	2.5	re/rm	1/7	0.8	1.8	18.6	522	500	Drum
12	2.5	re/rm	1/7	0.8	1.8	20.6	691	500	Drum
14	2.5	re/rm	1/7	0.8	1.8	20.6	710	500	Drum
16	2.5	re/rm	1/7	0.8	1.8	21.6	768	500	Drum
19	2.5	re/rm	1/7	0.8	1.8	24.6	1001	500	Drum
21	2.5	re/rm	1/7	0.8	1.8	26.5	1038	500	Drum
24	2.5	re/rm	1/7	0.8	2.0	26.5	1097	500	Drum
30	2.5	re/rm	1/7	0.8	2.0	28.4	1295	500	Drum
40	2.5	re/rm	1/7	0.8	2.0	34.3	1758	500	Drum
52	2.5	re/rm	1/7	0.8	2.0	36.3	2179	500	Drum
61	2.5	re/rm	1/7	0.8	2.0	38.2	2512	500	Drum

CHARACTERISTICS							
No of. Core	Size	Resistance at 20°C		Current Carring Capacity at 30°C		Short Circuit Current at 1 sec.	AC Voltage Test
		Conductor	Insulation	In Ground	In Air		
-	mm ²	Ohm / km	M.Ohm.km	Amper	Amper	KA	KV / 5 min
7	2.5	7.41	50	19	16	0.29	3.5
8	2.5	7.41	50	19	16	0.29	3.5
10	2.5	7.41	50	16	13	0.29	3.5
12	2.5	7.41	50	14	12	0.29	3.5
14	2.5	7.41	50	14	12	0.29	3.5
16	2.5	7.41	50	14	12	0.29	3.5
19	2.5	7.41	50	12	12	0.29	3.5
21	2.5	7.41	50	11	11	0.29	3.5
24	2.5	7.41	50	11	11	0.29	3.5
30	2.5	7.41	50	11	11	0.29	3.5
40	2.5	7.41	50	10	9	0.29	3.5
52	2.5	7.41	50	0	9	0.29	3.5
61	2.5	7.41	50	8	8	0.29	3.5

Note* : If site condition are different ratings should be multiplied by rating factors as show in table page 78-83

NON ARMoured CONTROL Cabled

(COPPER CONDUCTOR, PVC INSULATED AND SHEATHED)

Type of Cable
Rated Voltage

: NYY or CU/PVC/PVC
: 0.6/1 kV

Specification

: SPLN 43-1 : 1994
SNI IEC 60502-1 2009
IEC 60502
(other specifications are available on request)

CONSTRUCTION									
No. of Core	Size	Conductor		Wall Thickness		Approx Overall Diameter	Approx Net. Weight	Standard Length	Packing
		Construction	No. of Wire	Insulation	Sheath				
-	mm ²	-	-	mm	mm	mm	Kg/Km	m	-
7	4	re/rm	1/7	1.0	1.8	17.6	522	500	Drum
8	4	re/rm	1/7	1.0	1.8	22.5	696	500	Drum
10	4	re/rm	1/7	1.0	1.8	22.5	754	500	Drum
12	4	re/rm	1/7	1.0	1.8	22.5	864	500	Drum
14	4	re/rm	1/7	1.0	1.8	23.5	976	500	Drum
16	4	re/rm	1/7	1.0	1.8	25.5	1116	500	Drum
19	4	re/rm	1/7	1.0	1.8	26.5	1275	500	Drum
21	4	re/rm	1/7	1.0	1.8	31.4	1444	500	Drum
24	4	re/rm	1/7	1.0	2.0	31.4	1594	500	Drum
30	4	re/rm	1/7	1.0	2.0	33.3	1913	500	Drum
40	4	re/rm	1/7	1.0	2.0	40.2	2560	500	Drum
52	4	re/rm	1/7	1.0	2.0	42.2	3203	500	Drum
61	4	re/rm	1/7	1.0	2.0	44.1	3691	500	Drum

CHARACTERISTICS							
No of. Core	Size	Resistance at 20°C		Current Caring Capacity at 30°C		Short Circuit Current at 1 sec.	AC Voltage Test
		Conductor	Insulation	In Ground	In Air		
-	mm ²	Ohm / km	M.Ohm.km	Amper	Amper	KA	KV / 5 min
7	4	4.61	50	24	22	0.46	3.5
8	4	4.61	50	24	22	0.46	3.5
10	4	4.61	50	20	18	0.46	3.5
12	4	4.61	50	18	17	0.46	3.5
14	4	4.61	50	18	17	0.46	3.5
16	4	4.61	50	18	17	0.46	3.5
19	4	4.61	50	17	16	0.46	3.5
21	4	4.61	50	15	14	0.46	3.5
24	4	4.61	50	15	14	0.46	3.5
30	4	4.61	50	15	14	0.46	3.5
40	4	4.61	50	13	12	0.46	3.5
52	4	4.61	50	13	12	0.46	3.5
61	4	4.61	50	11	10	0.46	3.5

Note* : If site condition are different ratings should be multiplied by rating factors as show in table page 78-83

NON ARMoured CONTROL Cabled

(COPPER CONDUCTOR, PVC INSULATED AND SHEATHED)

Type of Cable
Rated Voltage

: NYY or CU/PVC/PVC
: 0.6/1 kV

Specification

: SPLN 43-1 : 1994
SNI IEC 60502-1 2009
IEC 60502
(other specifications are available on request)

CONSTRUCTION									
No. of Core	Size	Conductor		Wall Thickness		Approx Overall Diameter	Approx Net. Weight	Standard Length	Packing
		Construction	No. of Wire	Insulation	Sheath				
-	mm ²	-	-	mm	mm	mm	Kg/Km	m	-
7	6	re/rm	1/7	1.0	1.8	18.6	681	500	Drum
8	6	re/rm	1/7	1.0	1.8	23.5	874	500	Drum
10	6	re/rm	1/7	1.0	1.8	23.5	986	500	Drum
12	6	re/rm	1/7	1.0	2.0	24.5	1169	500	Drum
14	6	re/rm	1/7	1.0	2.0	26.5	1314	500	Drum
16	6	re/rm	1/7	1.0	2.0	27.5	1478	500	Drum
19	6	re/rm	1/7	1.0	2.0	29.5	1681	500	Drum
21	6	re/rm	1/7	1.0	2.0	34.3	1974	500	Drum
24	6	re/rm	1/7	1.0	2.0	34.3	2155	500	Drum
30	6	re/rm	1/7	1.0	2.0	35.3	2594	500	Drum
40	6	re/rm	1/7	1.0	2.0	44.1	3464	500	Drum
52	6	re/rm	1/7	1.0	2.0	46.0	4401	500	Drum
61	6	re/rm	1/7	1.0	2.0	49.0	5087	500	Drum

CHARACTERISTICS							
No of. Core	Size	Resistance at 20°C		Current Caring Capacity at 30°C		Short Circuit Current at 1 sec.	AC Voltage Test
		Conductor	Insulation	In Ground	In Air		
-	mm ²	Ohm / km	M.Ohm.km	Amper	Amper	KA	KV / 5 min
7	6	3.08	40	31	28	0.69	3.5
8	6	3.08	40	31	28	0.69	3.5
10	6	3.08	40	26	24	0.69	3.5
12	6	3.08	40	23	22	0.69	3.5
14	6	3.08	40	23	22	0.69	3.5
16	6	3.08	40	23	22	0.69	3.5
19	6	3.08	40	23	22	0.69	3.5
21	6	3.08	40	2.0	19	0.69	3.5
24	6	3.08	40	2.0	19	0.69	3.5
30	6	3.08	40	2.0	19	0.69	3.5
40	6	3.08	40	15	15	0.69	3.5
52	6	3.08	40	15	15	0.69	3.5
61	6	3.08	40	13	13	0.69	3.5

Note* : If site condition are different ratings should be multiplied by rating factors as show in table page 78-83