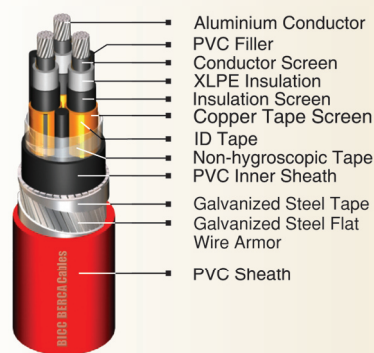


(Copper / Aluminium Conductor, XLPE Insulated, Copper Tape Screen or copper wire + copper tape open helix, PVC inner sheath, Galvanized Flat Steel Wire + Steel Tape open helix Armour, PVC sheath).

Special features on request : Oil resistance, UV resistance, Flame retardant Cat.A,B,C , Anti termite,

A detailed cross-section diagram of a BICC BENCH Cables cable. The diagram shows the internal structure of the cable, which is a composite of various materials. At the top, there are four copper conductors. These are surrounded by a PVC filler, a conductor screen, and an XLPE insulation layer. This is followed by an insulation screen, a copper tape screen, and an ID tape. The next layer is a non-hygroscopic tape, followed by a PVC inner sheath. The cable is then wrapped in a galvanized steel tape, which is further reinforced by a galvanized steel flat wire armor. The entire assembly is encased in a red PVC sheath. The text 'BICC BENCH Cables' is printed vertically on the red sheath.

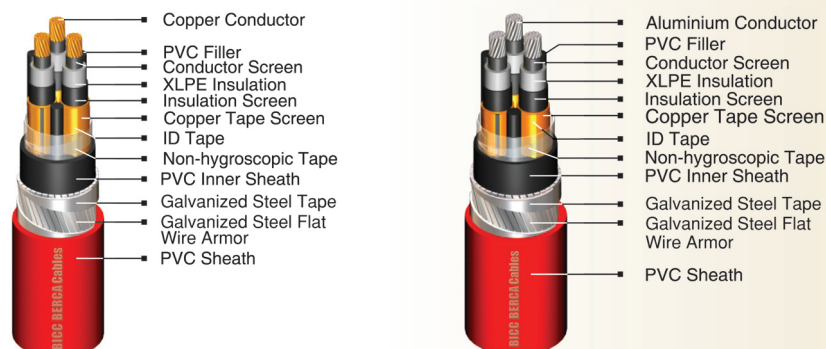
- Copper Conductor
- PVC Filler
- Conductor Screen
- XLPE Insulation
- Insulation Screen
- Copper Tape Screen
- ID Tape
- Non-hygroscopic Tape
- PVC Inner Sheath
- Galvanized Steel Tape
- Galvanized Steel Flat Wire Armor
- PVC Sheath



Nominal cross section area		mm ²		35	50	70	95	120	150	185	240	300
Conductor diameter (approx)		mm		7	8,1	9,75	11,5	12,8	14,1	15,1	18,3	20,5
Nominal insulation thickness		mm		2,5	2,5	2,5	2,5	2,5	2,5	2,5	2,6	2,8
Insulation diameter (approx.)		mm		14	15,4	16,9	18,6	20,1	21,6	23,1	25,6	28,1
Armour thickness Flat Steel Wire		mm		0,8	0,8	0,8	0,8	0,8	0,8	0,8	0,8	0,8
Nominal sheath thickness		mm		3	3,1	3,2	3,3	3,4	3,6	3,7	3,9	4,1
Overall cable diameter (approx.)		mm		50	53	56,4	61	64	68	72	78	84
Cable net. Weight (approx.)		kg/km	Cu	4325	5052	5937	7114	8202	9712	11607	13644	16354
			Al	3665	4101	4607	5302	5890	6840	8109	9279	10688
Standard lentgh per-reel		m		500	500	500	500	500	500	500	350	350
Minimum bending radius		mm		900	954	1015,2	1098	1152	1224	1296	1404	1512
Min. DC insulation resistance at 20°C		M. Ohm.km		9900	8600	7500	6600	6000	5500	5000	4600	4400
Max, DC conductor resistance at 20°C		Ohm/km	Cu	0,524	0,387	0,268	0,193	0,153	0,124	0,099	0,075	0,060
			Al	0,868	0,641	0,443	0,320	0,253	0,206	0,164	0,125	0,100
Capacitance per-phase		uF/km		0,216	0,240	0,279	0,318	0,349	0,376	0,419	0,459	0,481
Inductance per-phase		mH/km		0,308	0,298	0,284	0,273	0,266	0,261	0,254	0,249	0,246
Max. short circuit current of conductor		kA/sec	Cu	4,97	7,1	9,94	13,49	17,04	21,3	26,27	34,08	42,6
			Al	3,22	4,6	6,44	8,74	11,04	13,8	17,02	22,08	27,6
Max. current carrying capacity at 30°C	in Air	A	Cu	172	205	256	312	359	409	468	552	627
			Al	132	159	198	239	277	314	360	420	479
	In Ground	A	Cu	170	202	245	294	334	375	424	492	552
			Al	130	156	190	228	259	291	330	384	412
AC test voltage		kV/5 min.		12,6								

(Copper / Aluminium Conductor, XLPE Insulated, Copper Tape Screen or copper wire + copper tape open helix, PVC inner sheath, Galvanized Flat Steel Wire + Steel Tape open helix Armour, PVC sheath).

Special features on request : Oil resistance, UV resistance, Flame retardant Cat.A,B,C , Anti termite,
Low smoke Zero halogen

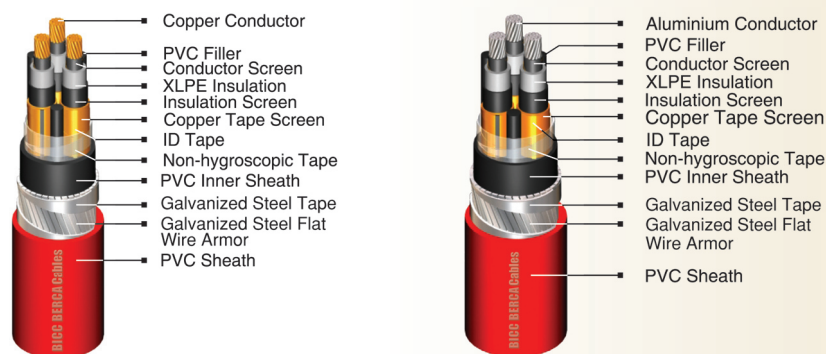


Nominal cross section area		mm ²		35	50	70	95	120	150	185	240	300
Conductor diameter (approx)		mm		7	8,1	9,75	11,5	12,8	14,1	15,1	18,3	20,5
Nominal insulation thickness		mm		3,4	3,4	3,4	3,4	3,4	3,4	3,4	3,4	3,4
Insulation diameter (approx.)		mm		15,8	17,2	18,7	20,4	21,9	23,4	24,9	27,2	29,3
Armour thickness Flat Steel Wire		mm		0,8	0,8	0,8	0,8	0,8	0,8	0,8	0,8	0,8
Nominal sheath thickness		mm		3,1	3,2	3,3	3,5	3,6	3,7	3,8	4,1	4,2
Overall cable diameter (approx.)		mm		54	57	61	65	69	72	76	82	87
Cable net. Weight (approx.)		kg/km	Cu	4754	5535	6482	7669	8787	10331	11698	14284	16899
			Al	4094	4585	5162	5857	6475	7459	8200	9919	11232
Standard lentgh per-reel		m		500	500	500	500	500	500	500	350	350
Minimum bending radius		mm		972	1026	1098	1170	1242	1296	1368	1476	1566
Min. DC insulation resistance at 20°C		M. Ohm.km		11900	10500	9200	8200	7400	6800	6300	5600	5100
Max, DC conductor resistance at 20°C		Ohm/km	Cu	0,524	0,387	0,268	0,193	0,153	0,124	0,099	0,075	0,060
			Al	0,868	0,641	0,443	0,320	0,253	0,206	0,164	0,125	0,100
Capacitance per-phase		uF/km		0,181	0,200	0,230	0,261	0,286	0,306	0,341	0,382	0,420
Inductance per-phase		mH/km		0,331	0,319	0,303	0,291	0,283	0,277	0,269	0,260	0,254
Max. short circuit current of conductor		kA/sec	Cu	4,97	7,1	9,94	13,49	17,04	21,3	26,27	34,08	42,6
			Al	3,22	4,6	6,44	8,74	11,04	13,8	17,02	22,08	27,6
Max. current carrying capacity at 30°C	in Air	A	Cu	173	206	257	313	360	410	469	553	628
			Al	133	160	199	240	278	315	361	421	480
	In Ground	A	Cu	171	202	246	295	335	376	425	493	553
			Al	131	156	191	229	260	292	331	385	413
AC test voltage		kV/5 min.		21								

(Copper / Aluminium Conductor, XLPE Insulated, Copper Tape Screen or copper wire + copper tape open helix, PVC inner sheath, Galvanized Flat Steel Wire + Steel Tape open helix Armour, PVC sheath).

Standard Specification: SPLN 43-5 , SNI IEC 60502-2 or Customer request

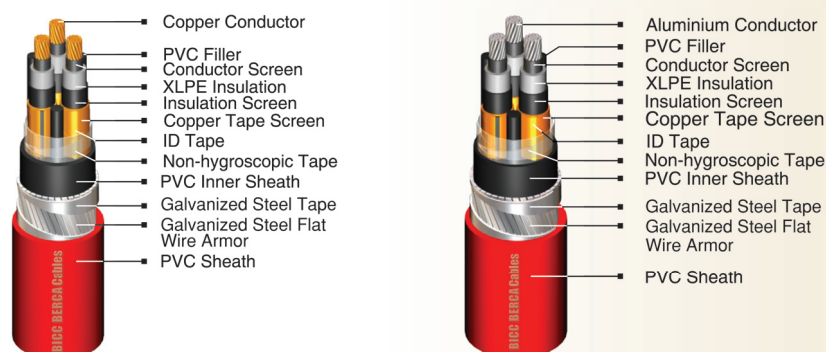
Special features on request : Oil resistance, UV resistance, Flame retardant Cat.A,B,C , Anti termite,
Low smoke Zero halogen



Nominal cross section area		mm ²		35	50	70	95	120	150	185	240	300
Conductor diameter (approx)		mm		7	8,1	9,75	11,5	12,8	14,1	15,1	18,3	20,5
Nominal insulation thickness		mm		4,5	4,5	4,5	4,5	4,5	4,5	4,5	4,5	4,5
Insulation diameter (approx.)		mm		18	19,4	20,9	22,6	24,1	25,6	27,1	29,4	31,5
Armour thickness Flat Steel Wire		mm		0,8	0,8	0,8	0,8	0,8	0,8	0,8	0,8	0,8
Nominal sheath thickness		mm		3,3	3,4	3,5	3,60	3,7	3,9	4,0	4,2	4,4
Overall cable diameter (approx.)		mm		59	63	66	70	74	78	82	87	92,5
Cable net. Weight (approx.)		kg/km	Cu	4300	5100	6000	7300	8300	9400	11100	13400	16400
			Al	3800	4200	4700	5400	6100	6600	7600	8700	10600
Standard lentgh per-reel		m		500	500	500	500	500	350	350	350	350
Minimum bending radius		mm		1062	1134	1188	1260	1332	1404	1476	1566	1665
Min. DC insulation resistance at 20°C		M. Ohm.km		14100	12500	11100	9900	9000	8300	7700	6900	6200
Max, DC conductor resistance at 20°C		Ohm/km	Cu	0,524	0,387	0,268	0,193	0,153	0,124	0,099	0,075	0,060
			Al	0,868	0,641	0,443	0,320	0,253	0,206	0,164	0,125	0,100
Capacitance per-phase		uF/km		0,154	0,17	0,193	0,218	0,238	0,254	0,281	0,314	0,344
Inductance per-phase		mH/km		0,355	0,342	0,324	0,31	0,301	0,294	0,285	0,275	0,268
Max. short circuit current of conductor		kA/sec	Cu	4,97	7,1	9,94	13,49	17,04	21,3	26,27	34,08	42,6
			Al	3,22	4,6	6,44	8,74	11,04	13,8	17,02	22,08	27,6
Max. current carrying capacity at 30°C	in Air	A	Cu	173	206	257	313	360	410	469	553	628
			Al	133	160	199	240	278	315	361	421	480
In Ground		A	Cu	171	202	246	295	335	376	425	492	554
			Al	132	154	186	223	255	283	321	372	414
AC test voltage		kV/5 min.		30,5								

(Aluminium Conductor, XLPE Insulated, Copper Tape Screen or copper wire + copper tape open helix, PVC inner sheath, Galvanized Flat Steel Wire + Steel Tape open helix Armour, PVC sheath).

Special features on request : Oil resistance, UV resistance, Flame retardant Cat.A,B,C , Anti termite,
Low smoke Zero halogen

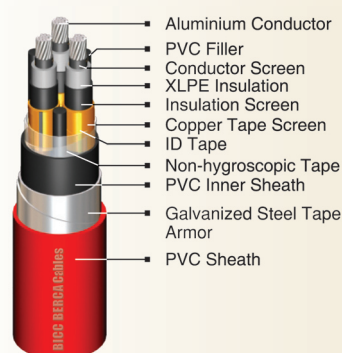


Nominal cross section area		mm ²		35	50	70	95	120	150	185	240	300
Conductor diameter (approx)		mm		7	8,1	9,75	11,5	12,8	14,1	15,1	18,3	20,5
Nominal insulation thickness		mm		5,5	5,5	5,5	5,5	5,5	5,5	5,5	5,5	5,5
Insulation diameter (approx.)		mm		20	21,4	22,9	24,6	26,1	27,6	29,1	31,4	33,5
Armour thickness Flat Steel Wire		mm		0,8	0,8	0,8	0,8	0,8	0,8	0,8	0,8	0,8
Nominal sheath thickness		mm		3,5	3,6	3,7	3,80	3,9	4,1	4,2	4,4	4,5
Overall cable diameter (approx.)		mm		64	67,5	71	75	79	83	86,5	92	97
Cable net. Weight (approx.)		kg/km	Cu	5935	6787	7778	9009	10233	12430	13853	15989	18659
			Al	5275	5836	6458	7197	7921	9558	10355	11624	12993
Standard lentgh per-reel		m		500	500	500	500	400	300	300	250	250
Minimum bending radius		mm		1145	1199	1280	1353	1407	1490	1564	1652	1753
Min. DC insulation resistance at 20°C		M. Ohm.km		15900	14100	12600	11300	10300	9500	8900	8000	7200
Max, DC conductor resistance at 20°C		Ohm/km	Cu	0,524	0,387	0,268	0,193	0,153	0,124	0,099	0,075	0,060
			Al	0,868	0,641	0,443	0,320	0,253	0,206	0,164	0,125	0,100
Capacitance per-phase		uF/km		0,136	0,149	0,169	0,19	0,206	0,220	0,243	0,270	0,294
Inductance per-phase		mH/km		0,377	0,362	0,344	0,328	0,318	0,310	0,300	0,289	0,281
Max. short circuit current of conductor		kA/sec	Cu	4,97	7,1	9,94	13,49	17,04	21,3	26,27	34,08	42,6
			Al	3,22	4,6	6,44	8,74	11,04	13,8	17,02	22,08	27,6
Max. current carrying capacity at 30°C	in Air	A	Cu	173	206	257	313	360	410	469	553	629
			Al	139	161	204	242	282	319	365	425	481
	In Ground	A	Cu	171	202	246	295	335	376	425	492	554
			Al	132	154	191	228	260	292	331	358	398
AC test voltage		kV/5 min.		42								

(Copper / Aluminium Conductor, XLPE Insulated, Copper Tape Screen or copper wire + copper tape open helix, PVC inner sheath, Galvanized Steel Tape Armour, PVC sheath).

Standard Specification: SPLN 43-5 , SNI IEC 60502-2 or Customer request

Special features on request : Oil resistance, UV resistance, Flame retardant Cat.A,B,C , Anti termite,
Low smoke Zero halogen



Nominal cross section area		mm ²		35	50	70	95	120	150	185	240	300
Conductor diameter (approx)		mm		7	8,1	9,75	11,5	12,8	14,1	15,1	18,3	20,5
Nominal insulation thickness		mm		2,5	2,5	2,5	2,5	2,5	2,5	2,5	2,6	2,8
Insulation diameter (approx.)		mm		14	15,4	16,9	18,6	20,1	21,6	23,1	25,6	28,1
Nominal armour thickness		mm		0,5	0,5	0,5	0,5	0,5	0,5	0,5	0,5	0,5
Nominal sheath thickness		mm		3	3,1	3,2	3,3	3,4	3,6	3,7	3,9	4,1
Overall cable diameter (approx.)		mm		50,1	53,3	57	61	64	68	72	78	86
Cable net. Weight (approx.)		kg/km	Cu	4327	5060	5985	7135	8232	9787	11135	131164	16763
			Al	2600	2900	3400	4000	4600	5100	5900	7000	8300
Standard lentgh per-reel		m		500	500	500	500	500	500	500	350	350
Minimum bending radius		mm		901,8	959,4	1026	1098	1152	1224	1296	1404	1548
Min. DC insulation resistance at 20°C		M. Ohm.km		9900	8600	7500	6600	6000	5500	5000	4600	4400
Max, DC conductor resistance at 20°C		Ohm/km	Cu	0,524	0,387	0,268	0,193	0,153	0,124	0,099	0,075	0,060
			Al	0,868	0,641	0,443	0,320	0,253	0,206	0,164	0,125	0,100
Capacitance per-phase		uF/km		0,216	0,240	0,279	0,318	0,349	0,376	0,419	0,459	0,481
Inductance per-phase		mH/km		0,308	0,298	0,284	0,273	0,266	0,261	0,254	0,249	0,246
Max. short circuit current of conductor		kA/sec	Cu	4,97	7,1	9,94	13,49	17,04	21,3	26,27	34,08	42,6
			Al	3,22	4,6	6,44	8,74	11,04	13,8	17,02	22,08	27,6
Max. current carrying capacity at 30°C	in Air	A	Cu	172	205	256	312	359	409	468	552	627
			Al	132	159	198	239	277	314	360	420	479
	In Ground	A	Cu	170	202	245	294	334	375	424	492	552
			Al	130	156	190	228	259	291	330	384	412
AC test voltage		kV/5 min.		12,6								

(Copper / Aluminium Conductor, XLPE Insulated, Copper Tape Screen or copper wire + copper tape open helix, PVC inner sheath, Galvanized Steel Tape Armour, PVC sheath).

Standard Specification: SPLN 43-5 , SNI IEC 60502-2 or Customer request

Special features on request : Oil resistance, UV resistance, Flame retardant Cat.A,B,C , Anti termite,
Low smoke Zero halogen



Nominal cross section area		mm ²		35	50	70	95	120	150	185	240	300
Conductor diameter (approx)		mm		7	8,1	9,75	11,5	12,8	14,1	15,1	18,3	20,5
Nominal insulation thickness		mm		3,4	3,4	3,4	3,4	3,4	3,4	3,4	3,4	3,4
Insulation diameter (approx.)		mm		15,8	17,2	18,7	20,4	21,9	23,4	24,9	27,2	29,3
Nominal armour thickness		mm		0,5	0,5	0,5	0,5	0,5	0,5	0,5	0,5	0,5
Nominal sheath thickness		mm		3,1	3,2	3,3	3,5	3,6	3,7	3,8	4,1	4,2
Overall cable diameter (approx.)		mm		54	58	61	66	69	73	76	83	89
Cable net. Weight (approx.)		kg/km	Cu	4762	5550	6506	7688	8815	10400	11178	14562	17297
			Al	4102	4599	5186	5876	6501	7528	8280	10197	11631
Standard lentgh per-reel		m		500	500	500	500	500	500	500	350	350
Minimum bending radius		mm		972	1044	1098	1188	1242	1314	1368	1494	1602
Min. DC insulation resistance at 20°C		M. Ohm.km		11900	10500	9200	8200	7400	6800	6300	5600	5100
Max, DC conductor resistance at 20°C		Ohm/km	Cu	0,524	0,387	0,268	0,193	0,153	0,124	0,099	0,075	0,060
			Al	0,868	0,641	0,443	0,320	0,253	0,206	0,164	0,125	0,100
Capacitance per-phase		uF/km		0,181	0,200	0,230	0,261	0,286	0,306	0,341	0,382	0,420
Inductance per-phase		mH/km		0,331	0,319	0,303	0,291	0,283	0,277	0,269	0,260	0,254
Max. short circuit current of conductor		kA/sec	Cu	4,97	7,1	9,94	13,49	17,04	21,3	26,27	34,08	42,6
			Al	3,22	4,6	6,44	8,74	11,04	13,8	17,02	22,08	27,6
Max. current carrying capacity at 30°C	in Air	A	Cu	173	206	257	313	360	410	469	553	628
			Al	133	160	199	240	278	315	361	421	480
	In Ground	A	Cu	171	202	246	295	335	376	425	493	553
			Al	131	156	191	229	260	292	331	385	413
AC test voltage		kV/5 min.		21								

(Copper / Aluminium Conductor, XLPE Insulated, Copper Tape Screen or copper wire + copper tape open helix, PVC inner sheath, Galvanized Steel Tape Armour, PVC sheath).

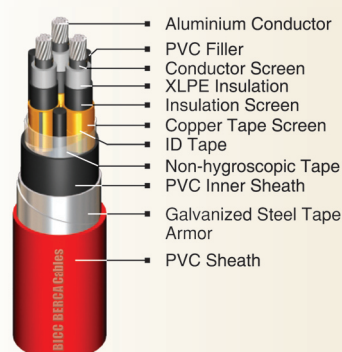
Special features on request : Oil resistance, UV resistance, Flame retardant Cat.A,B,C , Anti termite, Low smoke Zero halogen



Nominal cross section area		mm ²		35	50	70	95	120	150	185	240	300
Conductor diameter (approx)		mm		7	8,1	9,75	11,5	12,8	14,1	15,1	18,3	20,5
Nominal insulation thickness		mm		4,5	4,5	4,5	4,5	4,5	4,5	4,5	4,5	4,5
Insulation diameter (approx.)		mm		18	19,4	20,9	22,6	24,1	25,6	27,1	29,4	31,5
Nominal armour thickness		mm		0,5	0,5	0,5	0,5	0,5	0,5	0,5	0,5	0,8
Nominal sheath thickness		mm		3,3	3,4	3,5	3,60	3,7	3,9	4,0	4,2	4,4
Overall cable diameter (approx.)		mm		60	63	67	71	74	78	82	88	94
Cable net. Weight (approx.)		kg/km	Cu	5396	6186	7178	8401	9558	11185	12598	15485	18276
			Al	4736	5235	5858	6588	7246	9313	9100	11120	13609
Standard lentgh per-reel		m		500	500	500	500	500	350	350	350	350
Minimum bending radius		mm		1080	1134	1206	1278	1332	1404	1476	1584	1692
Min. DC insulation resistance at 20°C		M. Ohm.km		14100	12500	11100	9900	9000	8300	7700	6900	6200
Max. DC conductor resistance at 20°C		Ohm/km	Cu	0,524	0,387	0,268	0,193	0,153	0,124	0,099	0,075	0,060
			Al	0,868	0,641	0,443	0,320	0,253	0,206	0,164	0,125	0,100
Capacitance per-phase		uF/km		0,154	0,17	0,193	0,218	0,238	0,254	0,281	0,314	0,344
Inductance per-phase		mH/km 0		,355	0,342	0,324	0,31	0,301	0,294	0,285	0,275	0,268
Max. short circuit current of conductor		kA/sec	Cu	4,97	7,1	9,94	13,49	17,04	21,3	26,27	34,08	42,6
			Al	3,22	4,6	6,44	8,74	11,04	13,8	17,02	22,08	27,6
Max. current carrying capacity at 30°C	in Air	A	Cu	173	206	257	313	360	410	469	553	628
			Al	133	160	199	240	278	315	361	421	480
	In Ground	A	Cu	171	202	246	295	335	376	425	493	553
			Al	131	156	191	229	260	292	331	385	413
AC test voltage		kV/5 min.		30,5								

(Aluminium Conductor, XLPE Insulated, Copper Tape Screen or copper wire + copper tape open helix, PVC inner sheath, Galvanized Steel Tape Armour, PVC sheath).

Special features on request : Oil resistance, UV resistance, Flame retardant Cat.A,B,C , Anti termite,
Low smoke zero halogen

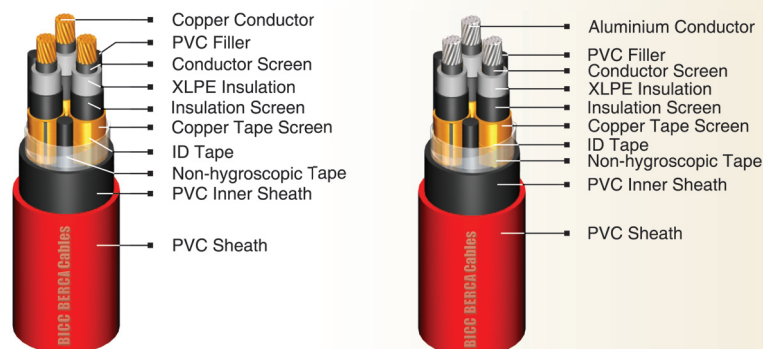


Nominal cross section area		mm ²		35	50	70	95	120	150	185	240	300
Conductor diameter (approx)		mm		7	8,1	9,75	11,5	12,8	14,1	15,1	18,3	20,5
Nominal insulation thickness		mm		5,5	5,5	5,5	5,5	5,5	5,5	5,5	5,5	5,5
Insulation diameter (approx.)		mm		20	21,4	22,9	24,6	26,1	27,6	29,1	31,4	33,5
Nominal armour thickness		mm		0,5	0,5	0,5	0,5	0,5	0,8	0,8	0,8	0,8
Nominal sheath thickness		mm		3,4	3,5	3,7	3,8	3,9	4,1	4,2	4,4	4,6
Overall cable diameter (approx.)		mm		64	68	71	75,2	79	84	87	92	98,7
Cable net. Weight (approx.)		kg/km	Cu	5922	6772	7797	9013	10240	12684	14115	16270	19105
			Al	5262	5822	6477	7201	7927	9814	10617	11905	13439
Standard lentgh per-reel		m		500	500	500	500	400	300	300	250	250
Minimum bending radius		mm		1145	1199	1280	1353	1407	1490	1564	1652	1753
Min. DC insulation resistance at 20°C		M. Ohm.km		15900	14100	12600	11300	10300	9500	8900	8000	7200
Max. DC conductor resistance at 20°C		Ohm/km	Cu	0,524	0,387	0,268	0,193	0,153	0,124	0,099	0,075	0,060
			Al	0,868	0,641	0,443	0,320	0,253	0,206	0,164	0,125	0,100
Capacitance per-phase		uF/km		0,136	0,149	0,169	0,19	0,206	0,220	0,243	0,270	0,294
Inductance per-phase		mH/km		0,377	0,362	0,344	0,328	0,318	0,310	0,300	0,289	0,281
Max. short circuit current of conductor		kA/sec	Cu	4,97	7,1	9,94	13,49	17,04	21,3	26,27	34,08	42,6
			Al	3,22	4,6	6,44	8,74	11,04	13,8	17,02	22,08	27,6
Max. current carrying capacity at 30°C	in Air	A	Cu	173	206	257	313	360	410	469	553	629
			Al	139	161	204	242	282	319	365	425	481
	In Ground	A	Cu	254	194	236	283	322	362	409	474	533
			Al	127	148	179	228	246	272	308	358	398
AC test voltage		kV/5 min.		42								

(Copper / Aluminium Conductor, XLPE Insulated, Copper Tape Screen or copper wire + copper tape open helix, PVC inner sheath, PVC sheath).

Standard Specification: SPLN 43-5 , SNI IEC 60502-2 or Customer request

Special features on request : Oil resistance, UV resistance, Flame retardant Cat.A,B,C , Anti termite,
Low smoke Zero halogen

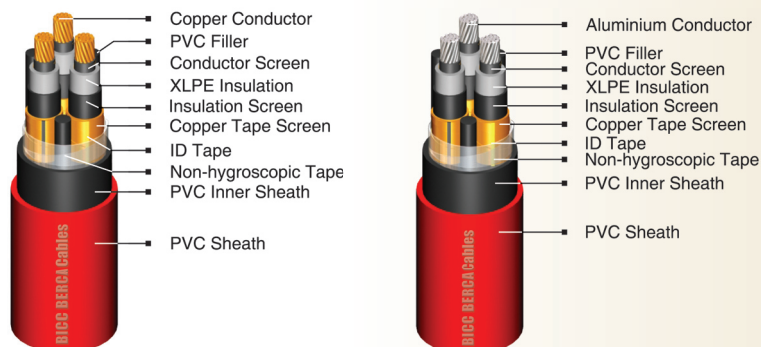


Nominal cross section area		mm ²		35	50	70	95	120	150	185	240	300
Conductor diameter (approx)		mm		7	8,1	9,75	11,5	12,8	14,1	15,1	18,3	20,5
Nominal insulation thickness		mm		2,5	2,5	2,5	2,5	2,5	2,5	2,5	2,6	2,8
Insulation diameter (approx.)		mm		14	15,4	16,9	18,6	20,1	21,6	23,1	25,6	28,1
Nominal sheath thickness		mm		3	3	3	3,2	3,3	3,4	3,5	3,7	3,9
Overall cable diameter (approx.)		mm		48,5	52	55	59	63	66,5	70	76	83
Cable net. Weight (approx.)		kg/km	Cu	3537	4212	5024	6101	7169	8650	9879	11801	14473
			Al	2877	3261	3704	4288	4857	5778	6381	7436	8807
Standard lentgh per-reel		m		500	500	500	500	500	500	500	500	500
Minimum bending radius		mm		873	936	990	1062	1134	1197	1260	1368	1494
Min. DC insulation resistance at 20°C		M. Ohm.km		9900	8600	7500	6600	6000	5500	5000	4600	4400
Max, DC conductor resistance at 20°C		Ohm/km	Cu	0,524	0,387	0,268	0,193	0,153	0,124	0,099	0,075	0,060
			Al	0,868	0,641	0,443	0,320	0,253	0,206	0,164	0,125	0,100
Capacitance per-phase		uF/km		0,216	0,240	0,279	0,318	0,349	0,376	0,419	0,459	0,481
Inductance per-phase		mH/km		0,308	0,298	0,284	0,273	0,266	0,261	0,254	0,249	0,246
Max. short circuit current of conductor		kA/sec	Cu	4,97	7,1	9,94	13,49	17,04	21,3	26,27	34,08	42,6
			Al	3,22	4,6	6,44	8,74	11,04	13,8	17,02	22,08	27,6
Max. current carrying capacity at 30°C	in Air	A	Cu	175	207	258	315	362	413	473	557	663
			Al	133	160	200	241	280	317	363	424	484
	In Ground	A	Cu	172	203	247	297	337	379	428	497	557
			Al	121	156	192	230	261	294	333	388	416
AC test voltage		kV/5 min.		12,6								

(Copper / Aluminium Conductor, XLPE Insulated, Copper Tape Screen or copper wire + copper tape open helix, PVC inner sheath, PVC sheath).

Standard Specification : SPLN 43-5, SNI IEC 60502-2 or Customer request

Special features on request : Oil resistance, UV resistance, Flame retardant Cat.A,B,C , Anti termite,
Low smoke Zero halogen

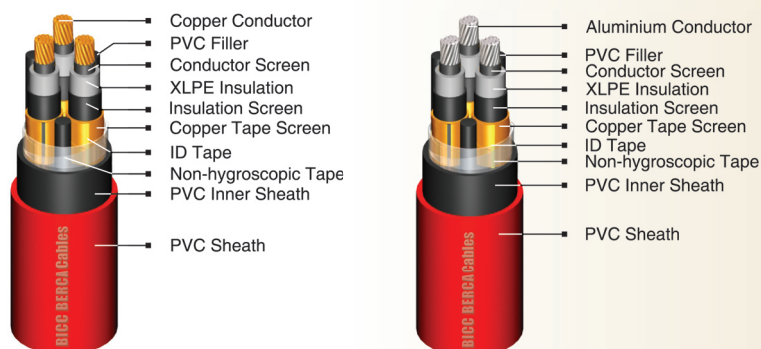


Nominal cross section area		mm ²		35	50	70	95	120	150	185	240	300
Conductor diameter (approx)		mm		7	8,1	9,75	11,5	12,8	14,1	15,1	18,3	20,5
Nominal insulation thickness		mm		3,4	3,4	3,4	3,4	3,4	3,4	3,4	3,4	3,4
Insulation diameter (approx.)		mm		15,8	17,2	18,7	20,4	21,9	23,4	24,9	27,2	29,3
Nominal sheath thickness		mm		3	3,1	3,3	3,4	3,5	3,6	3,7	3,9	4,1
Overall cable diameter (approx.)		mm		52	56	59	63	67	70	74	79	85
Cable net. Weight (approx.)		kg/km	Cu	3855	4602	5466	6545	7607	9081	10331	12266	14796
			Al	3194	3652	4145	4732	5295	6209	6832	7901	9130
Standard lentgh per-reel		m		500	500	500	500	500	500	500	500	500
Minimum bending radius		mm		936	1008	1062	1134	1206	1260	1332	1422	1530
Min. DC insulation resistance at 20°C		M. Ohm.km		11900	10500	9200	8200	7400	6800	6300	5600	5100
Max, DC conductor resistance at 20°C		Ohm/km	Cu	0,524	0,387	0,268	0,193	0,153	0,124	0,099	0,075	0,060
			Al	0,868	0,641	0,443	0,320	0,253	0,206	0,164	0,125	0,100
Capacitance per-phase		uF/km		0,181	0,200	0,230	0,261	0,286	0,306	0,341	0,382	0,420
Inductance per-phase		mH/km		0,331	0,319	0,303	0,291	0,283	0,277	0,269	0,260	0,254
Max. short circuit current of conductor		kA/sec	Cu	4,97	7,1	9,94	13,49	17,04	21,3	26,27	34,08	42,6
			Al	3,22	4,6	6,44	8,74	11,04	13,8	17,02	22,08	27,6
Max. current carrying capacity at 30°C	in Air	A	Cu	175	208	259	316	363	414	474	558	634
			Al	134	161	201	242	281	318	364	425	485
	In Ground	A	Cu	173	204	248	298	338	380	429	498	558
			Al	132	157	193	229	262	295	334	389	417
AC test voltage		kV/5 min.		21								

(Copper / Aluminium Conductor, XLPE Insulated, Copper Tape Screen or copper wire + copper tape open helix, PVC inner sheath, PVC sheath).

Standard Specification: SPLN 43-5 , SNI IEC 60502-2 or Customer request

Special features on request : Oil resistance, UV resistance, Flame retardant Cat.A,B,C , Anti termite,
Low smoke Zero halogen

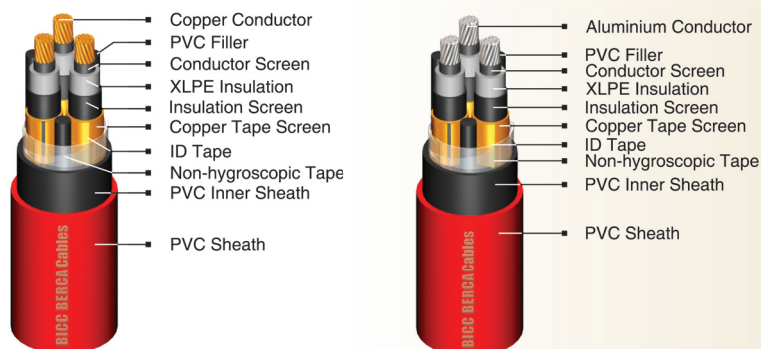


Nominal cross section area		mm ²		35	50	70	95	120	150	185	240	300
Conductor diameter (approx)		mm		7	8,1	9,75	11,5	12,8	14,1	15,1	18,3	20,5
Nominal insulation thickness		mm		4,5	4,5	4,5	4,5	4,5	4,5	4,5	4,5	4,5
Insulation diameter (approx.)		mm		18	19,4	20,9	22,6	24,1	25,6	27,1	29,4	31,5
Nominal sheath thickness		mm		3,2	3,3	3,4	3,5	3,7	3,8	3,9	4,1	4,3
Overall cable diameter (approx.)		mm		57,2	60,4	64,2	68	72	75,6	79	84,4	90
Cable net. Weight (approx.)		kg/km	Cu	4392	5117	6046	7162	8363	9879	11164	13081	15666
			Al	3732	4166	4726	5350	6051	7007	7666	8716	10000
Standard lentgh per-reel		m		500	500	500	500	500	500	350	350	350
Minimum bending radius		mm		1029,6	1087,2	1155,6	1224	1296	1360,8	1422	1519,2	1620
Min. DC insulation resistance at 20°C		M. Ohm.km		14100	12500	11100	9900	9000	8300	7700	6900	6200
Max. DC conductor resistance at 20°C		Ohm/km	Cu	0,524	0,387	0,268	0,193	0,153	0,124	0,099	0,075	0,060
			Al	0,868	0,641	0,443	0,320	0,253	0,206	0,164	0,125	0,100
Capacitance per-phase		uF/km		0,154	0,17	0,193	0,218	0,238	0,254	0,281	0,314	0,344
Inductance per-phase		mH/km		0,355	0,342	0,324	0,31	0,301	0,294	0,285	0,275	0,268
Max. short circuit current of conductor		kA/sec	Cu	4,97	7,1	9,94	13,49	17,04	21,3	26,27	34,08	42,6
			Al	3,22	4,6	6,44	8,74	11,04	13,8	17,02	22,08	27,6
Max. current carrying capacity at 30°C	in Air	A	Cu	175	208	259	316	363	414	473	558	635
			Al	140	162	206	242	285	322	368	429	486
	In Ground	A	Cu	173	204	246	298	338	380	429	497	559
			Al	133	155	188	225	257	286	324	376	418
AC test voltage		kV/5 min.			30,5							

(Copper / Aluminium Conductor, XLPE Insulated, Copper Tape Screen or copper wire + copper tape open helix, PVC inner sheath, PVC sheath).

Standard Specification : SPLN 43-5 , SNI IEC 60502-2 or Customer request

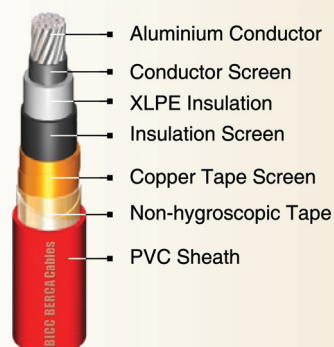
Special features on request : Oil resistance, UV resistance, Flame retardant Cat.A,B,C , Anti termite,
Low smoke Zero halogen



Nominal cross section area		mm ²		35	50	70	95	120	150	185	240	300
Conductor diameter (approx)		mm		7	8,1	9,75	11,5	12,8	14,1	15,1	18,3	20,5
Nominal insulation thickness		mm		5,5	5,5	5,5	5,5	5,5	5,5	5,5	5,5	5,5
Insulation diameter (approx.)		mm		20	21,4	22,9	24,6	26,1	27,6	29,1	31,4	33,5
Nominal sheath thickness		mm		3,4	3,5	3,6	3,7	3,8	3,9	4,1	4,3	4,4
Overall cable diameter (approx.)		mm		63	66	69	73	77	80	94	89	95
Cable net. Weight (approx.)		kg/km	Cu	4994	5751	6650	7875	9006	10554	11908	13874	16560
			Al	4334	4800	5330	6063	6694	7682	8409	9509	10893
Standard lentgh per-reel		m		500	500	500	500	400	300	300	250	250
Minimum bending radius		mm		1145	1199	1280	1353	1407	1490	1564	1652	1753
Min. DC insulation resistance at 20°C		M. Ohm.km		15900	14100	12600	11300	10300	9500	8900	8000	7200
Max. DC conductor resistance at 20°C		Ohm/km	Cu	0,524	0,387	0,268	0,193	0,153	0,124	0,099	0,075	0,060
			Al	0,868	0,641	0,443	0,320	0,253	0,206	0,164	0,125	0,100
Capacitance per-phase		uF/km		0,136	0,149	0,169	0,19	0,206	0,220	0,243	0,270	0,294
Inductance per-phase		mH/km		0,377	0,362	0,344	0,328	0,318	0,310	0,300	0,289	0,281
Max. short circuit current of conductor		kA/sec	Cu	4,97	7,1	9,94	13,49	17,04	21,3	26,27	34,08	42,6
			Al	3,22	4,6	6,44	8,74	11,04	13,8	17,02	22,08	27,6
Max. current carrying capacity at 30°C	in Air	A	Cu	175	208	259	316	364	414	474	558	635
			Al	140	163	201	244	283	321	368	429	486
	In Ground	A	Cu	173	204	248	298	338	380	429	497	559
			Al	133	155	193	230	263	295	334	389	441
AC test voltage		kV/5 min.		42								

(Copper / Aluminium Conductor, XLPE Insulated, Copper Tape Screen or copper wire + copper tape open helix, PVC sheath.

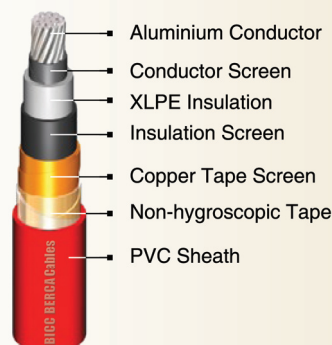
Special features on request : Oil resistance, UV resistance, Flame retardant Cat.A,B,C , Anti termite,
Low smoke zero halogen.



Nominal cross section area			mm ²	35	50	70	95	120	150	185	240	300	400	500	630	
Conductor diameter (approx)			mm	7	8.1	9.75	11.5	12.8	14.1	15.1	18.3	20.5	23.4	26.1	30.7	
Nominal insulation thickness			mm	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.6	2.8	3	3.2	3.2	
Insulation diameter (approx.)			mm	13.5	14.7	16.3	18.1	19.5	20.7	22.7	25.3	27.9	31.1	34.4	39.3	
Nominal sheath thickness			mm	3	3	3	3	3	3	3	3	3	3	3	3.1	
Overall cable diameter (approx.)			mm	24	26	27	29	30	32	33	36	38	42	45	49	
Cable net. Weight (approx.)			kg/km	Cu	913	1090	1310	1590	1870	2270	2610	3100	2800	4830	5880	7150
				Al	694	775	869	988	1102	1316	1448	1649	1920	2381	2773	3244
Standard length per-reel			m	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	500	
Minimum bending radius			mm	432	468	486	522	540	576	594	648	684	756	810	882	
Min. DC insulation resistance at 20°C			M. Ohm.km	9900	8600	7500	6600	6000	5500	5000	4600	4400	4000	3900	3500	
Max, DC conductor resistance at 20°C			Ohm/km	Cu	0.524	0.387	0.268	0.193	0.153	0.124	0.099	0.075	0.060	0.060	0.060	
				Al	0.868	0.641	0.443	0.320	0.253	0.206	0.164	0.125	0.100	0.100	0.100	0.100
Capacitance per-phase			uF/km	0.216	0.240	0.279	0.318	0.349	0.376	0.419	0.459	0.481	0.511	0.540	0.534	
Inductance per-phase	trifoli formation		mH/km	0.391	0.372	0.353	0.333	0.323	0.316	0.306	0.295	0.289	0.283	0.278	0.279	
	Flat formation			0.575	0.556	0.538	0.518	0.508	0.501	0.491	0.480	0.474	0.468	0.463	0.464	
Max. short circuit current of conductor			kA/sec	Cu	4.97	7.1	9.94	13.49	17.04	21.3	26.27	34.08	42.6	56.8	71	89.46
				Al	3.22	4.6	6.44	8.74	11.04	13.8	17.02	22.08	27.6	36.8	46	57.96
Max. current carrying capacity at 30°C	in Air	trifoli formation	A	Cu	194	233	291	353	406	459	526	620	728	814	920	1006
				Al	150	180	216	274	316	358	411	488	558	650	743	803
		flat formation		Cu	230	276	344	417	480	536	611	715	810	900	1005	1087
				Al	177	214	267	326	376	423	484	572	651	740	837	870
	In Ground	trifoli formation	A	Cu	179	210	257	307	348	388	438	506	568	637	717	779
				Al	137	163	200	238	271	302	343	398	449	510	574	622
		flat formation		Cu	203	238	290	343	387	422	472	539	601	648	774	818
				Al	156	185	226	269	304	335	376	434	486	536	614	654
AC test voltage			kV/5 min.													

(Copper / Aluminium Conductor, XLPE Insulated, Copper Tape Screen or copper wire + copper tape open helix, PVC sheath.

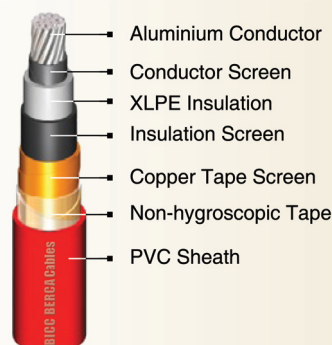
Special features on request : Oil resistance, UV resistance, Flame retardant Cat.A,B,C , Anti termite, Low smoke zero halogen.



Nominal cross section area			mm ²	35	50	70	95	120	150	185	240	300	400	500	630	
Conductor diameter (approx)			mm	7	8.1	9.75	11.5	12.8	14.1	15.1	18.3	20.5	23.4	26.1	30.7	
Nominal insulation thickness			mm	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	
Insulation diameter (approx.)			mm	15.3	16.5	18.1	19.9	21.3	22.5	24.5	26.9	29.1	31.9	34.8	39.7	
Nominal sheath thickness			mm	3	3	3	3	3	3	3	3	3	3	3	3.1	
Overall cable diameter (approx.)			mm	26	27	29	31	32	34	35	37	40	43	46	49	
Cable net. Weight (approx.)			kg/km	Cu	800	1000	1200	1500	1700	2100	2500	3100	3700	4600	5700	7350
				Al	600	700	800	900	1000	1200	1300	1600	1800	2200	2600	3350
Standard length per-reel			m	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	500	
Minimum bending radius			mm	468	486	522	558	576	612	630	666	720	774	828	882	
Min. DC insulation resistance at 20°C			M. Ohm.km	1000	900	800	700	600	600	500	500	400	400	400	300	
Max, DC conductor resistance at 20°C			Ohm/km	Cu	0.524	0.387	0.268	0.193	0.153	0.124	0.099	0.075	0.060	0.060	0.060	0.060
				Al	0.868	0.641	0.443	0.320	0.253	0.206	0.164	0.125	0.100	0.100	0.100	0.100
Capacitance per-phase			uF/km	0.181	0.200	0.230	0.261	0.286	0.306	0.341	0.382	0.420	0.467	0.517	0.514	
Inductance per-phase	trifoil formation		mH/km	0.408	0.390	0.367	0.349	0.337	0.331	0.318	0.306	0.296	0.288	0.280	0.280	
	Flat formation			0.593	0.575	0.551	0.534	0.522	0.516	0.503	0.491	0.481	0.473	0.465	0.465	
Max. short circuit current of conductor			kA/sec	Cu	4.97	7.1	9.94	13.49	17.04	21.3	26.27	34.08	42.6	56.8	71	89.46
				Al	3.22	4.6	6.44	8.74	11.04	13.8	17.02	22.08	27.6	36.8	46	57.96
Max. current carrying capacity at 30°C	in Air	trifoil formation	A	Cu	195	234	292	354	407	460	527	621	729	815	921	1007
				Al	151	181	271	275	317	359	412	489	559	651	744	804
		flat formation		Cu	231	277	345	418	481	537	612	716	811	901	1006	1088
				Al	178	215	268	327	377	424	485	573	652	741	838	871
	In Ground	trifoil formation	A	Cu	180	211	258	308	349	389	439	507	569	638	718	780
				Al	138	164	201	239	272	303	344	399	450	511	574	623
		flat formation		Cu	204	239	291	344	388	427	473	540	601	649	774	819
				Al	157	186	227	270	305	336	377	434	487	537	615	655
AC test voltage			kV/5 min.	21												

(Copper / Aluminium Conductor, XLPE Insulated, Copper Tape Screen or copper wire + copper tape open helix, PVC sheath.

Special features on request : Oil resistance, UV resistance, Flame retardant Cat.A,B,C , Anti termite, Low smoke zero halogen.



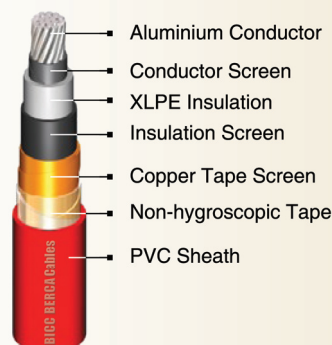
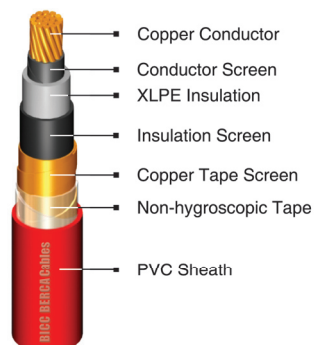
Nominal cross section area			mm ²	35	50	70	95	120	150	185	240	300	400	500	630	
Conductor diameter (approx)			mm	7	8.1	9.75	11.5	12.8	14.1	15.1	18.3	20.5	23.4	26.1	30.7	
Nominal insulation thickness			mm	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	
Insulation diameter (approx.)			mm	17.5	18.7	20.3	22.1	23.5	24.7	26.7	29.1	31.3	34.1	37.0	41.9	
Nominal sheath thickness			mm	3	3	3	3	3	3	3	3	3	3	3	3.2	
Overall cable diameter (approx.)			mm	24	25	27	28	30	31	33	36	38	41	44	50	
Cable net. Weight (approx.)			kg/km	Cu	1087	1274	1500	1793	2082	2491	2841	3335	4025	5040	6070	7385
				Al	868	958	1062	1191	1314	1538	1680	1885	2145	2590	2965	3475
Standard length per-reel			m	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	500	
Minimum bending radius			mm	432	450	486	504	540	558	594	648	684	738	792	900	
Min. DC insulation resistance at 20°C			M. Ohm.km	9800	8700	7700	6900	6300	5800	5300	4800	4400	3800	3500	3200	
Max. DC conductor resistance at 20°C			Ohm/km	Cu	0.524	0.387	0.268	0.193	0.153	0.124	0.099	0.075	0.060	0.060	0.060	0.060
				Al	0.868	0.641	0.443	0.320	0.253	0.206	0.164	0.125	0.100	0.100	0.100	0.100
Capacitance per-phase			uF/km	0.154	0.17	0.193	0.218	0.238	0.254	0.281	0.314	0.344	0.382	0.421	0.428	
Inductance per-phase	trifoil formation		mH/km	0.428	0.407	0.386	0.365	0.354	0.345	0.332	0.318	0.308	0.300	0.291	0.288	
	Flat formation			0.613	0.592	0.570	0.550	0.538	0.530	0.517	0.503	0.493	0.485	0.475	0.475	
Max. short circuit current of conductor			kA/sec	Cu	4.97	7.1	9.94	13.49	17.04	21.3	26.27	34.08	42.6	56.8	71	89.46
				Al	3.22	4.6	6.44	8.74	11.04	13.8	17.02	22.08	27.6	36.8	46	57.96
Max. current carrying capacity at 30°C	in Air	trifoil formation	A	Cu	199	238	296	358	412	466	532	627	715	819	927	1009
				Al	155	184	229	278	320	363	415	493	563	652	746	806
		flat formation		Cu	233	279	347	420	483	540	614	718	813	904	1011	1090
				Al	180	217	240	328	378	425	485	513	652	740	838	873
	In Ground	trifoil formation	A	Cu	181	214	252	312	353	394	445	513	577	647	720	782
				Al	139	166	203	242	276	307	348	404	455	517	576	625
		flat formation		Cu	205	240	292	347	391	427	478	546	608	659	776	821
				Al	158	187	228	271	307	339	380	439	491	543	617	657
AC test voltage			kV/5 min.		30.5											

N2XSY / NA2XSY 1x (35-630) mm² 12/20 kV (Cu or Al/XLPE/CTS or CWS/PVC)

(Copper / Aluminium Conductor, XLPE Insulated, Copper Tape Screen or copper wire + copper tape open helix, PVC sheath.

Standard Specification: SPLN 43-5 , IEC 60502-2 or Customer request

Special features on request : Oil resistance, UV resistance, Flame retardant Cat.A,B,C , Anti termite, Low smoke zero halogen.



DIMENTION AND ELECTRICAL DATA

Nominal cross section area			mm ²	35	50	70	95	120	150	185	240	300	400	500	630	
Conductor diameter (approx)			mm	7	8.1	9.75	11.5	12.8	14.1	15.1	18.3	20.5	23.4	26.1	30.7	
Nominal insulation thickness			mm	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	
Insulation diameter (approx.)			mm	20	21.4	22.9	24.6	26.1	27.5	29.1	31.4	33.5	37	39.7	42.9	
Nominal sheath thickness			mm	3	3	3	3	3	3	3	3	3	3	3	3.2	
Overall cable diameter (approx.)			mm	29.5	30.9	32.4	34.1	35.6	37.1	38.6	40.9	43	46.5	49.2	52.8	
Cable net. Weight (approx.)			kg/km	Cu	1192	1382	1614	1912	2206	2630	2986	3486	4182	5227	6267	7593
				Al	961	1044	1163	1296	1407	1643	1799	2024	2260	2749	3146	3676
Standard lentgh per-reel			m	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	500	500	
Minimum bending radius			mm	531	556.2	583.2	613.8	640.8	667.8	694.8	736.2	774	837	885.6	950.4	
Min. DC insulation resistance at 20°C			M. Ohm.km	15900	14100	12600	11300	10300	9500	8900	8000	7300	6500	5900	5400	
Max, DC conductor resistance at 20°C			Ohm/km	Cu	0.524	0.387	0.268	0.193	0.153	0.124	0.099	0.075	0.060	0.060	0.060	0.060
				Al	0.868	0.641	0.443	0.320	0.253	0.206	0.164	0.125	0.100	0.100	0.100	0.100
Capacitance per-phase			uF/km	0.136	0.149	0.169	0.19	0.206	0.220	0.243	0.270	0.294	0.326	0.358	0.370	
Inductance per-phase	trifoil formation		mH/km	0.447	0.426	0.403	0.382	0.368	0.359	0.345	0.330	0.320	0.310	0.301	0.299	
	Flat formation			0.632	0.611	0.588	0.566	0.553	0.544	0.530	0.515	0.505	0.495	0.486	0.483	
Max. short circuit current of conductor			kA/sec	Cu	4.97	7.1	9.94	13.49	17.04	21.3	26.27	34.08	42.6	56.8	71	89.46
				Al	3.22	4.6	6.44	8.74	11.04	13.8	17.02	22.08	27.6	36.8	46	57.96
Max. current carrying capacity at 30°C	in Air	trifoil formation	A	Cu	199	238	296	358	412	466	532	627	715	819	927	1009
				Al	155	184	229	278	320	363	415	493	563	652	746	806
		flat formation		Cu	233	279	347	420	483	540	614	718	813	904	1011	1090
				Al	180	217	240	328	378	425	485	513	652	740	838	873
	In Ground	trifoil formation	A	Cu	181	214	262	312	353	394	445	513	577	647	720	782
				Al	139	166	203	242	276	307	348	404	455	517	576	625
		flat formation		Cu	205	240	292	347	391	427	478	546	608	659	776	821
				Al	158	187	228	271	307	339	380	439	491	543	617	657
AC test voltage			kV/5 min.	42												

(Copper / Aluminium Conductor, XLPE Insulated,
Copper Tape Screen or copper wire + copper tape open helix,
PVC sheath, with zinc-coated round steel messenger.

Aluminum Conductor

Inner Semiconductive

XLPE Insulation

Outer semiconductive

Semiconductive WBT

Copper wire + copper tape screen

Non-conductive WBT

PE or PVC Outer Sht

Steel Messenger

Nominal cross section area	mm ²		3x50+50	3x70+50	3x95+50	3x120+50	3x150+50	3x185+50	3x240+50
Conductor diameter (approx)	mm		8.1	9.75	11.5	12.8	14.1	15.1	18.3
Nominal insulation thickness	mm		5.5	5.5	5.5	5.5	5.5	5.5	5.5
Insulation diameter (approx.)	mm		21.4	22.9	24.6	26.1	27.5	29.1	31.4
Nominal sheath thickness	mm		2.5	2.5	2.5	2.5	2.5	2.5	2.5
Overall cable diameter (approx.)	mm		58	62	66	70	73	77	83
Cable Net. Weight (approx.)	kg/km		3100	3500	3900	4300	4800	5200	6000
Standard lentgh per-reel	m		500	500	500	350	350	350	350
Minimum bending radius	mm		1044	1116	1188	1260	1314	1386	1494
Min. DC insulation resistance at 20°C	M. Ohm.km		1300	1100	1000	900	900	800	700
Max, DC conductor resistance at 20°C	Ohm/km		0.641	0.443	0.320	0.253	0.206	0.164	0.125
Capacitance per-phase	uF/km		0.116	0.128	0.141	0.152	0.160	0.175	0.189
Inductance per-phase	mH/km		0.400	0.382	0.365	0.354	0.346	0.333	0.323
Max. short circuit current of conductor	kA/sec		4.89	6.81	9.19	11.58	14.43	17.76	22.98
Max. current carrying capacity at 30°C	in Air	A	165	204	247	287	326	373	435
AC test voltage	kV/5 min.		42						

Standard Specification: SPLN 43-5 , SNI IEC 60502-2
or Customer request



Nominal cross section area	mm ²		35	50	70	95	120	150	185	240	300
Conductor diameter (approx)	mm		7	8.1	9.75	11.5	12.8	14.1	15.1	18.3	20.5
Nominal insulation thickness	mm		5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5
Insulation diameter (approx.)	mm		20	21.4	22.9	24.6	26.1	27.5	29.1	31.4	31.4
Nominal sheath thickness	mm		3.0	3.0	3.0	3.0	3.0	3.5	3.5	3.5	4.0
Overall cable diameter (approx.)	mm		56	58	62	66	70	73	77	83	88
Cable Net. Weight (approx.)	kg/km		2400	2600	3000	3400	3800	4300	4800	5500	6300
Standard lentgh per-reel	m		500	500	500	500	350	350	350	350	350
Minimum bending radius	mm		1008	1044	1116	1188	1260	1314	1386	1494	1584
Min. DC insulation resistance at 20°C	M. Ohm.km		1400	1300	1100	1000	900	900	800	700	700
Max, DC conductor resistance at 20°C	Ohm/km		0.868	0.641	0.443	0.320	0.253	0.206	0.164	0.125	0.100
Capacitance per-phase	uF/km		0.107	0.116	0.128	0.141	0.152	0.160	0.175	0.189	0.189
Inductance per-phase	mH/km		0.416	0.400	0.382	0.365	0.354	0.346	0.333	0.323	0.323
Max. short circuit current of conductor	kA/sec		3.45	4.89	6.81	9.19	11.58	14.43	17.76	22.98	22.98
Max. current carrying capacity at 30°C	in Air	A	135	157	196	233	267	299	339	395	447
AC test voltage	kV/5 min.		42								