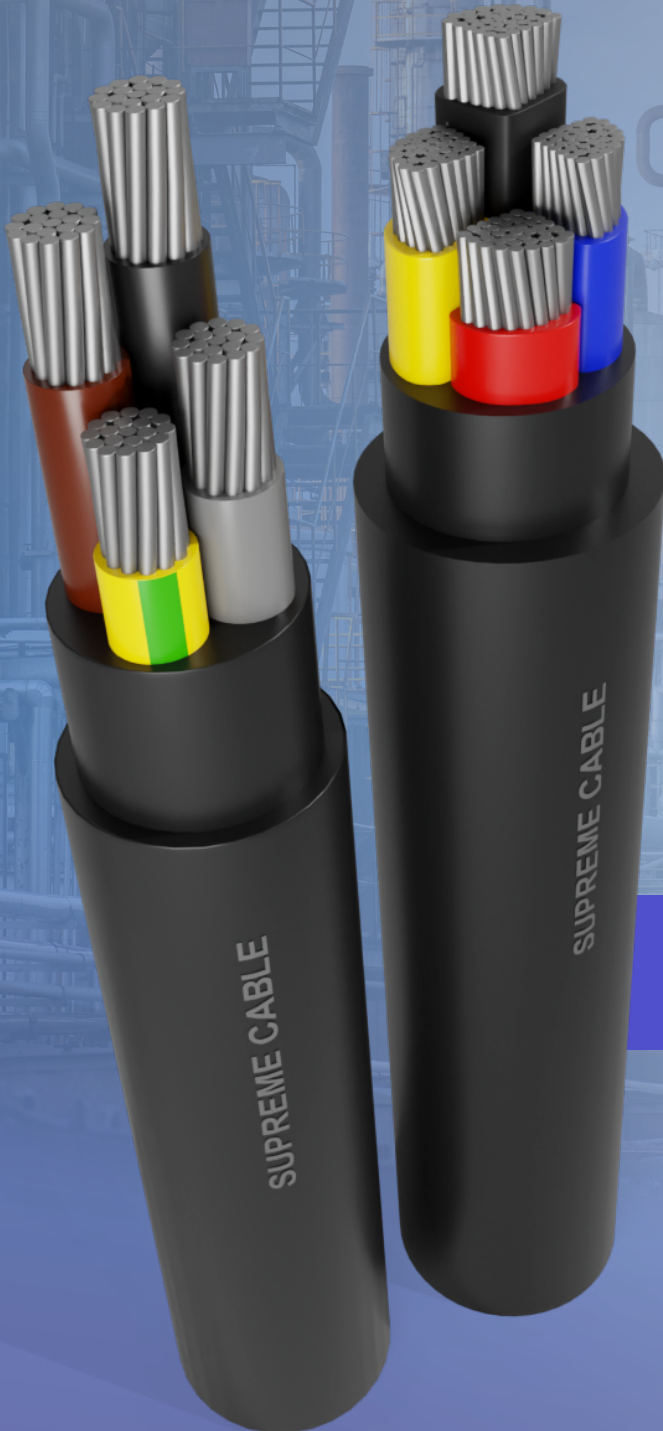




PT SUPREME CABLE

MANUFACTURING & COMMERCE Tbk

(PT SUCACO Tbk)



Product Catalogue **LOW VOLTAGE CABLE**

AL PVC Insulated
AL XLPE Insulated

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SUPREME CABLE

Company Background

Specializing in the cable business for over 53 years, PT SUPREME CABLE MANUFACTURING & COMMERCE Tbk or abbreviated as PT SUCACO Tbk has grown steadily to become one of Indonesia's largest and leading cable manufacturers.

Today, PT SUCACO Tbk has grown to become a reliable partner in the cable industry. In addition, the Company is also a respected corporation with a healthy financial position that makes contribution in building national infrastructures with it's international reputation.

The Company is also involved through it's affiliated companies, in various line of business. The company has a Quality Assurance Program and ISO certificate from SGS international certification body, of ISO 9001 for quality management system, UKAS 0005 for Management System, ISO 14001 for environment management system, and ISO 45001 for occupational health and safety management system.

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NAYA 450/750 V

SNI 04-6629.3

Single Core, Aluminium Conductor and PVC Insulated Cable



DIMENSIONAL & MECHANICAL DATA

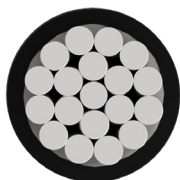
1 Core

Nominal Cross-Sectional Area	No of Wire and Conductor Shape		Nominal Thickness Insulation	Approximately		Bending Diameter Min	Standard Delivery Length
				Overall Diameter	Net Weight		
mm ²	pcs	-	mm	mm	Kg/Km	mm	m
16	7	rm	1,0	7	78	45	1.000
25	7	rm	1,2	9	121	55	1.000
35	7	rm	1,2	10	158	65	1.000
50	19	rm	1,4	18	280	110	1.000
70	19	rm	1,4	14	385	100	1.000
95	19	rm	1,4	16	502	100	1.000
120	37	rm	1,6	18	719	135	1.000
150	37	rm	1,8	20	574	120	1.000
185	37	rm	2,1	22	466	110	1.000
240	61	rm	2,3	25	931	150	1.000
300	61	rm	2,3	28	1159	120	1.000
400	61	rm	2,7	31	1466	190	1.000

NOTE : *) Another color insulation is open request

ELECTRICAL DATA

Nominal Cross-Sectional Area	Resistance at 20°C		Current Carrying Capacity at 30°C in Air	Short Circuit Current of Conductor at 1.0 Sec
	DC Conductor Max	Insulation Min		
mm ²	Ω/Km	M.Ω.Km	A	kA
16	1,91	rm	77	1,28
25	1,20	rm	101	1,98
35	0,686	rm	123	2,75
50	0,641	rm	154	3,91
70	0,320	rm	191	5,45
95	0,443	rm	226	7,37
120	0,253	rm	269	9,29
150	0,206	rm	305	11,59
185	0,164	rm	348	14,27
240	0,125	rm	410	18,48
300	0,100	rm	473	23,06
400	0,0778	rm	566	27,47



*)Top View

NAYY 0.6/1(1.2) kV

SNI IEC 60502-1

Single Core, Aluminium Conductor, PVC Insulated
and PVC Sheathed Cable

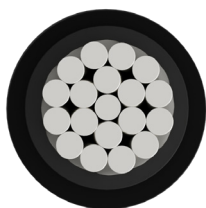
DIMENSIONAL & MECHANICAL DATA

1 Core

Nominal Cross-Sectional Area	No of Wire and Conductor Shape		Nominal Thickness		Approximately		Bending Diameter Min	Standard Delivery Length
			Insulation	Outer Sheath	Overall Diameter	Net Weight		
mm ²	pcs	-	mm		mm	Kg/Km	mm	m
16	7	rm	1.0	1.4	10	133	150	1000
25	7	rm	1.2	1.4	12	187	180	1000
35	7	rm	1.2	1.4	13	230	200	1000
50	19	rm	1.4	1.4	15	291	240	1000
70	19	rm	1.4	1.4	17	376	270	1000
95	19	rm	1.6	1.5	19	504	320	1000
120	37	rm	1.6	1.5	21	594	350	1000
150	37	rm	1.8	1.6	23	726	390	1000
185	37	rm	2.0	1.7	26	899	430	1000
240	61	rm	2.2	1.8	29	1145	490	1000
300	61	rm	2.4	1.9	32	1409	540	1000
400	61	rm	2.6	2.0	35	1758	610	1000
500	61	rm	2.8	2.1	39	2169	680	1000

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	M.Ω.Km	A		kA
16	1.910	40	80	85	1.28
25	1.200	40	107	110	1.98
35	0.868	40	136	131	2.75
50	0.641	30	163	156	3.91
70	0.443	30	207	191	5.45
95	0.320	30	255	230	7.37
120	0.253	30	299	262	9.29
150	0.206	20	343	298	11.59
185	0.164	20	390	333	14.27
240	0.125	20	470	333	18.48
300	0.100	20	542	440	23.06
400	0.0778	20	657	504	27.47
500	0.0605	20	765	582	34.31



*)Top View

NAYY 0.6/1(1.2) kV

SNI IEC 60502-1

Aluminium Conductor, PVC Insulated and PVC Sheathed Cable

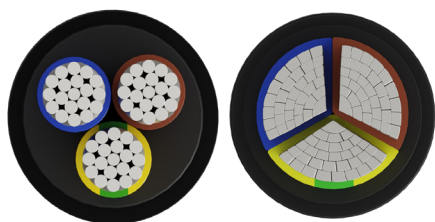
DIMENSIONAL & MECHANICAL DATA

3 Cores

Nominal Cross-Sectional Area	No of Wire and Conductor Shape		Nominal Thickness		Approximately		Bending Radius Min	Standard Delivery Length
			Insulation	Outer Sheath	Overall Diameter	Net Weight		
mm ²	pcs	-	mm		mm	Kg/Km	mm	m
16	7	rm	1.0	1.8	22	580	200	1000
25	7	rm	1.2	1.8	25	813	240	1000
35	7	rm	1.2	1.8	28	996	260	1000
50	19	sm	1.4	1.9	28	918	260	1000
70	19	sm	1.4	2.0	31	1229	300	1000
95	19	sm	1.6	2.2	36	1604	340	1000
120	19	sm	1.6	2.3	39	1906	370	1000
150	37	sm	1.8	2.4	42	2309	410	500
185	37	sm	2.0	2.6	47	2839	450	500
240	61	sm	2.2	2.8	52	3621	510	500
300	61	sm	2.4	2.9	58	4411	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	
mm ²	Ω/Km	M.Ω.Km	A		kA
16	1.910	40	64	71	1.28
25	1.200	40	84	92	1.98
35	0.868	40	104	110	2.75
50	0.641	30	127	131	3.91
70	0.443	30	159	163	5.45
95	0.320	30	195	195	7.37
120	0.253	20	227	227	9.29
150	0.206	20	259	251	11.59
185	0.164	20	295	283	14.27
240	0.125	20	347	331	18.48
300	0.100	20	399	371	23.06



*)Top View

NAYY 0.6/1(1.2) kV

SNI IEC 60502-1

Aluminium Conductor, PVC Insulated and PVC Sheathed Cable

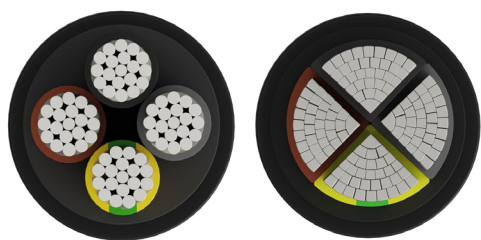
DIMENSIONAL & MECHANICAL DATA

4 Cores

Nominal Cross-Sectional Area	No of Wire and Conductor Shape		Nominal Thickness		Approximately		Bending Radius Min	Standard Delivery Length
			Insulation	Outer Sheath	Overall Diameter	Net Weight		
mm ²	pcs	-	mm		mm	Kg/Km	mm	m
16	7	rm	1.0	1.8	23	682	210	1000
25	7	rm	1.2	1.8	28	963	250	1000
35	7	rm	1.2	1.8	30	1186	280	1000
50	19	sm	1.4	1.9	31	1253	290	1000
70	19	sm	1.4	2.1	35	1630	340	1000
95	19	sm	1.6	2.2	40	2140	390	500
120	37	sm	1.6	2.4	44	2611	430	500
150	37	sm	1.8	2.5	48	3100	460	500
185	37	sm	2.0	2.7	54	3876	520	500
240	61	sm	2.2	2.9	60	4865	580	500
300	61	sm	2.4	3.1	66	5925	640	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	
mm ²	Ω/Km	M.Ω.Km	A		kA
16	1.910	40	64	71	1.28
25	1.200	40	84	92	1.98
35	0.868	40	104	110	2.75
50	0.641	30	127	131	3.91
70	0.443	30	159	163	5.45
95	0.320	30	195	195	7.37
120	0.253	30	227	227	9.29
150	0.206	20	259	251	11.59
185	0.164	20	295	283	14.27
240	0.125	20	347	331	18.48
300	0.100	20	399	371	23.06



*)Top View

NAYRY 0.6/1(1.2) kV

IEC 60502-1, SNI IEC 60502-1

Aluminium Conductor, PVC Insulated, Aluminium Wire,
Armoured and PVC Sheathed Cable

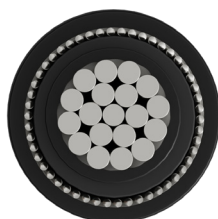
DIMENSIONAL & MECHANICAL DATA

1 Core

Nominal Cross-Sectional Area	No of Wire and Conductor Shape		Nominal Thickness		Approximately		Bending Radius Min	Standard Delivery Length
			Insulation	Outer Sheath	Overall Diameter	Net Weight		
mm ²	pcs	-	mm		mm	Kg/Km	mm	m
16	7	rm	1,0	1,8	15	281	140	1.000
25	7	rm	1,2	1,8	17	355	160	1.000
35	7	rm	1,2	1,8	18	411	170	1.000
50	19	rm	1,2	1,8	14	247	130	1.000
70	19	rm	1,4	1,8	16	330	150	1.000
95	19	rm	1,4	1,8	18	433	170	1.000
120	37	rm	1,4	1,8	20	524	180	1.000
150	37	rm	1,6	1,8	22	642	200	1.000
185	37	rm	1,8	1,8	24	786	220	1.000
240	61	rm	2,1	1,8	27	1002	250	500
300	61	rm	2,3	1,8	30	1232	270	500
400	61	rm	2,5	1,8	33	1550	310	500
500	61	rm	2,7	2,2	37	1925	340	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	M.Ω.Km	A		kA
16	1,91	380	85	79	1,28
25	1,200	390	107	99	1,98
35	0,868	340	127	119	2,75
50	0,641	320	148	98	3,91
70	0,443	290	180	167	5,45
95	0,320	250	212	197	7,37
120	0,253	250	240	222	9,29
150	0,206	260	265	246	11,59
185	0,164	260	297	276	14,27
240	0,125	240	340	316	18,48
300	0,100	230	380	352	23,06
400	0,008	230	428	397	27,47
500	0,0605	220	480	445	47,60



*)Top View

NAYFGbY 0.6/1(1.2) kV

SNI IEC 60502-1

Aluminium Conductor, PVC Insulated, Galvanized Flat Steel Wire,
Armoured and PVC Sheathed Cable

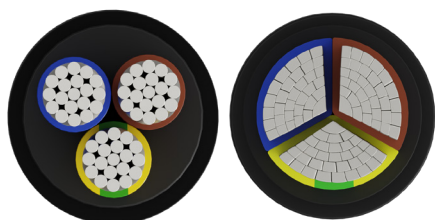
DIMENSIONAL & MECHANICAL DATA

3 Cores

Nominal Cross-Sectional Area	No of Wire and Conductor Shape		Nominal Thickness		Approximately		Bending Radius Min	Standard Delivery Length
			Insulation	Outer Sheath	Overall Diameter	Net Weight		
mm ²	pcs	-	mm		mm	Kg/Km	mm	m
16	7	rm	1.0	1.8	24	980	210	1000
25	7	rm	1.2	1.8	28	1297	250	1000
35	7	rm	1.2	1.8	30	1510	280	1000
50	19	sm	1.4	1.9	30	1447	270	1000
70	19	sm	1.4	2.0	34	1828	310	1000
95	19	sm	1.6	2.2	38	2281	360	1000
120	19	sm	1.6	2.3	41	2640	390	1000
150	37	sm	1.8	2.4	45	3128	420	500
185	37	sm	2.0	2.6	49	3745	470	500
240	61	sm	2.2	2.8	55	4616	530	500
300	61	sm	2.4	2.9	60	5489	580	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	M.Ω.Km	A		kA
16	1.910	40	63	70	1.28
25	1.200	40	83	91	1.98
35	0.868	40	102	109	2.75
50	0.641	30	126	130	3.91
70	0.443	30	158	162	5.45
95	0.320	30	193	193	7.37
120	0.253	20	225	225	9.29
150	0.206	20	256	248	11.59
185	0.164	20	292	280	14.27
240	0.125	20	343	327	18.48
300	0.100	20	394	367	23.06



*)Top View

NAYFGbY 0.6/1(1.2) kV

SNI IEC 60502-1

Aluminium Conductor, PVC Insulated, Galvanized Flat Steel Wire,
Armoured and PVC Sheathed Cable

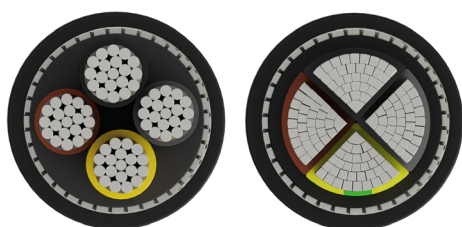
DIMENSIONAL & MECHANICAL DATA

4 Cores

Nominal Cross-Sectional Area	No of Wire and Conductor Shape		Nominal Thickness		Approximately		Bending Radius Min	Standard Delivery Length
			Insulation	Outer Sheath	Overall Diameter	Net Weight		
mm ²	pcs	-	mm		mm	Kg/Km	mm	m
16	7	rm	1.0	1.8	26	1122	230	1000
25	7	rm	1.2	1.8	30	1494	270	1000
35	7	rm	1.2	1.9	33	1789	300	1000
50	19	sm	1.4	2.0	34	1887	310	1000
70	19	sm	1.4	2.1	38	2312	350	1000
95	19	sm	1.6	2.3	43	2959	410	1000
120	19	sm	1.6	2.4	47	3474	440	500
150	37	sm	1.8	2.6	50	4074	480	500
185	37	sm	2.0	2.7	56	4923	540	500
240	61	sm	2.2	3.0	62	6060	600	500
300	61	sm	2.4	3.2	68	7171	660	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	M.Ω.Km	A		kA
16	1.910	40	63	70	1.28
25	1.200	40	83	91	1.98
35	0.868	40	102	109	2.75
50	0.641	30	126	130	3.91
70	0.443	30	158	162	5.45
95	0.320	30	193	193	7.37
120	0.253	20	225	225	9.29
150	0.206	20	256	248	11.59
185	0.164	20	292	280	14.27
240	0.125	20	343	327	18.48
300	0.100	20	394	367	23.06



*)Top View

NA2XA 0.6/1(1.2) kV

IEC 60502-1

Single Core, Aluminium Conductor and XLPE Insulated

DIMENSIONAL & MECHANICAL DATA

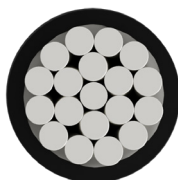
1 Core

Nominal Cross-Sectional Area	No of Wire and Conductor Shape		Nominal Thickness Insulation	Approximately		Bending Radius Min	Standard Delivery Length
				Overall Diameter	Net Weight		
mm ²	pcs	-	mm	mm	Kg/Km	mm	m
16	7	rm	0,7	6	58	40	1.000
25	7	rm	0,9	8	92	50	1.000
35	7	rm	0,9	9	122	60	1.000
50	19	rm	1,0	11	160	70	1.000
70	19	rm	1,1	13	228	80	1.000
95	19	rm	1,1	15	307	90	1.000
120	37	rm	1,1	16	383	100	1.000
150	37	rm	1,4	18	476	120	1.000
185	37	rm	1,6	21	597	130	1.000
240	61	rm	1,7	23	776	150	1.000
300	61	rm	1,8	26	961	160	1.000
400	61	rm	2,0	29	1219	180	1.000
500	61	rm	2,2	33	1549	200	1.000

ELECTRICAL DATA

Nominal Cross Sectional Area	Resistance at 20°C		Current Carrying Capacity at 30°C In Air	Short Circuit Current of Conductor at 1.0 Sec
	DC Conductor Max	Insulation Min		
mm ²	Ω/Km	M.Ω.Km	A	kA
16	1,91	402	92	1,61
25	1,200	409	121	2,49
35	0,868	353	168	3,45
50	0,641	334	204	4,89
70	0,443	309	257	6,81
95	0,320	266	316	9,19
120	0,253	257	368	11,58
150	0,206	270	421	14,43
185	0,164	275	488	17,76
240	0,125	254	583	22,98
300	0,100	241	675	28,67
400	0,0778	237	790	38,14
500	0,0605	232	921	47,60

NOTE : *) This is only general information. For other spec., requirement, please contact our marketing.



*)Top View

NA2XY 0.6/1(1.2) kV

SNI IEC 60502-1

Single Core, Aluminium Conductor, XLPE Insulated and PVC Sheathed Cable

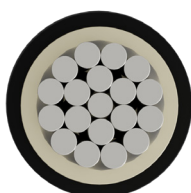
DIMENSIONAL & MECHANICAL DATA

1 Core

Nominal Cross-Sectional Area	No of Wire and Conductor Shape		Nominal Thickness		Approximately		Bending Radius Min	Standard Delivery Length
			Insulation	Outer Sheath	Overall Diameter	Net Weight		
mm ²	pcs	-	mm		mm	Kg/Km	mm	m
16	7	rm	0,7	1,4	9	112	60	1.000
25	7	rm	0,9	1,4	11	158	70	1.000
35	7	rm	0,9	1,4	12	197	80	1.000
50	19	rm	1,0	1,4	14	247	90	1.000
70	19	rm	1,1	1,4	16	330	100	1.000
95	19	rm	1,1	1,5	18	433	110	1.000
120	37	rm	1,2	1,5	20	524	120	1.000
150	37	rm	1,4	1,6	22	642	140	1.000
185	37	rm	1,6	1,7	24	786	150	1.000
240	61	rm	1,7	1,8	27	1002	170	1.000
300	61	rm	1,8	1,9	30	1232	180	1.000
400	61	rm	2,0	2,0	34	1550	210	1.000
500	61	rm	2,2	2,1	37	1925	230	1.000

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	M.Ω.Km	A		kA
16	1,91	380	84	91	1,61
25	1,200	390	112	117	2,49
35	0,868	340	138	140	3,45
50	0,641	320	170	166	4,89
70	0,443	290	218	203	6,81
95	0,320	250	269	242	9,19
120	0,253	250	312	275	11,58
150	0,206	260	360	310	14,43
185	0,164	260	425	350	17,76
240	0,125	240	510	406	22,98
300	0,100	230	590	458	28,67
400	0,0778	230	710	528	38,14
500	0,0605	220	820	599	47,60



*)Top View

NA2XY 0.6/1(1.2) kV

SNI IEC 60502-1

Aluminium Conductor, XLPE Insulated, and PVC Sheathed Cable

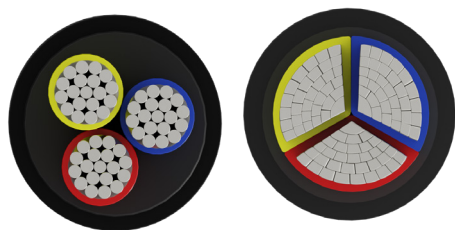
DIMENSIONAL & MECHANICAL DATA

3 Cores

Nominal Cross-Sectional Area	No of Wire and Conductor Shape		Nominal Thickness		Approximately		Bending Radius Min	Standard Delivery Length
			Insulation	Outer Sheath	Overall Diameter	Net Weight		
mm ²	pcs	-	mm		mm	Kg/Km	mm	m
16	7	rm	0.7	1.8	20	493	190	1000
25	7	rm	0.9	1.8	24	698	220	1000
35	7	rm	0.9	1.8	26	867	250	1000
50	19	sm	1.0	1.8	25	781	240	1000
70	19	sm	1.1	1.9	30	1073	280	1000
95	19	sm	1.1	2.0	33	1371	320	1000
120	19	sm	1.2	2.1	36	1673	350	1000
150	37	sm	1.4	2.3	40	2060	390	1000
185	37	sm	1.6	2.4	44	2522	430	1000
240	61	sm	1.7	2.6	50	3217	490	500
300	61	sm	1.8	2.8	54	3908	530	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	M.Ω.Km	A		kA
16	1.91	402	73	81	1.61
25	1.200	409	96	106	2.49
35	0.868	353	119	126	3.45
50	0.641	334	147	151	4.89
70	0.443	309	183	187	6.81
95	0.320	266	224	224	9.19
120	0.253	257	261	261	11.58
150	0.206	270	297	289	14.43
185	0.164	275	339	324	17.76
240	0.125	254	398	379	22.98
300	0.100	241	426	426	28.67



*)Top View

NA2XY 0.6/1(1.2) kV

IEC 60502-1

Aluminium Conductor, XLPE Insulated, and PVC Sheathed Cable

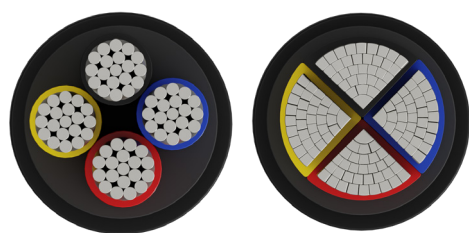
DIMENSIONAL & MECHANICAL DATA

4 Cores

Nominal Cross-Sectional Area	No of Wire and Conductor Shape		Nominal Thickness		Approximately		Bending Radius Min	Standard Delivery Length
			Insulation	Outer Sheath	Overall Diameter	Net Weight		
mm ²	pcs	-	mm		mm	Kg/Km	mm	m
16	7	rm	0,7	1,8	22	574	200	1000
25	7	rm	0,9	1,8	26	820	240	1000
35	7	rm	0,9	1,8	29	1024	270	1000
50	19	sm	1,0	1,9	29	1018	270	1000
70	19	sm	1,1	2,0	33	1400	320	1000
95	19	sm	1,1	2,1	37	1796	360	1000
120	19	sm	1,2	2,3	42	2259	410	1000
150	37	sm	1,4	2,4	45	2698	440	1000
185	37	sm	1,6	2,6	51	3341	500	500
240	61	sm	1,7	2,8	56	4254	560	500
300	61	sm	1,8	3,0	62	5168	610	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	M.Ω.Km	A		kA
16	1,91	402	73	81	1,61
25	1,200	409	96	106	2,49
35	0,868	353	119	126	3,45
50	0,641	334	147	151	4,89
70	0,443	309	183	187	6,81
95	0,320	266	224	224	9,19
120	0,253	257	261	261	11,58
150	0,206	270	297	289	14,43
185	0,164	275	339	324	17,76
240	0,125	254	398	379	22,98
300	0,100	241	426	426	28,67



*)Top View

NA2XFGbY 0.6/1(1.2) kV

IEC 60502-1

Aluminium Conductor, XLPE Insulated, Galvanized Flat Steel Wire, Armoured and PVC Sheathed Cable

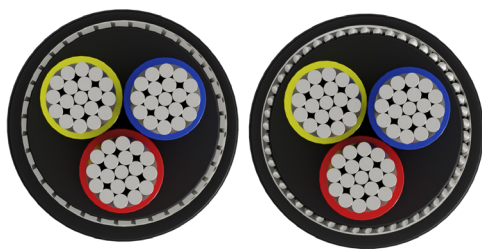
DIMENSIONAL & MECHANICAL DATA

3 Cores

Nominal Cross-Sectional Area	No of Wire and Conductor Shape		Nominal Thickness			Approximately		Bending Radius Min	Standard Delivery Length
			Insulation	Galv. Steel Wire Armour	Outer Sheath	Overall Diameter	Net Weight		
mm ²	pcs	-	mm			mm	Kg/Km	mm	m
16	7	rm	0,8	1,8	0,8	23	902	280	1000
25	7	rm	0,8	1,8	0,8	27	1176	330	1000
35	7	rm	0,8	1,8	0,8	29	1407	350	1000
50	19	sm	0,8	1,8	0,8	30	1317	360	1000
70	19	sm	0,8	2,0	0,8	33	1695	400	1000
95	19	sm	0,8	2,1	0,8	36	2087	440	1000
120	19	sm	0,8	2,2	0,8	40	2457	480	1000
150	37	sm	0,8	2,3	0,8	43	2895	520	500
185	37	sm	0,8	2,5	0,8	48	3476	580	500
240	61	sm	0,8	2,7	0,8	53	4300	750	500
300	61	sm	0,8	2,8	0,8	58	5020	820	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	M.Ω.Km	A		kA
16	1,91	410	73	80	1,61
25	1,200	420	95	105	2,49
35	0.868	360	118	124	3,45
50	0.641	340	145	149	4,89
70	0.443	410	182	186	6,81
95	0.320	360	222	222	9,19
120	0.253	330	258	258	11,58
150	0.206	360	292	285	14,43
185	0.164	370	336	321	17,76
240	0.125	350	394	375	22,98
300	0.100	330	453	422	28,67



*)Top View

NA2XFGbY 0.6/1(1.2) kV

IEC 60502-1

Aluminium Conductor, XLPE Insulated, Galvanized Flat Steel Wire, Armoured and PVC Sheathed Cable

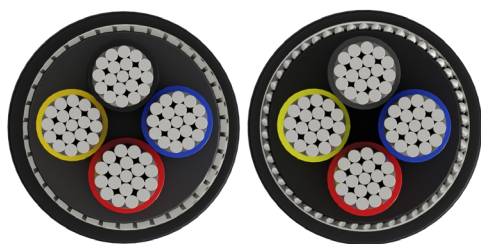
DIMENSIONAL & MECHANICAL DATA

4 Cores

Nominal Cross-Sectional Area	No of Wire and Conductor Shape		Nominal Thickness			Approximately		Bending Radius Min	Standard Delivery Length
			Insulation	Galv. Steel Wire Armour	Outer Sheath	Overall Diameter	Net Weight		
mm ²	pcs	-	mm			mm	Kg/Km	mm	m
16	7	rm	0,7	0,8	1,8	25	1017	300	1000
25	7	rm	0,9	0,8	1,8	29	1359	350	1000
35	7	rm	0,9	0,8	1,8	31	1627	380	1000
50	19	sm	1,0	0,8	1,9	32	1621	390	1000
70	19	sm	1,1	0,8	2,1	38	2119	460	1000
95	19	sm	1,1	0,8	2,2	41	2611	500	1000
120	19	sm	1,2	0,8	2,3	45	3127	540	500
150	37	sm	1,4	0,8	2,4	49	3683	590	500
185	37	sm	1,6	0,8	2,7	54	4430	650	500
240	61	sm	1,7	0,8	2,9	60	5475	840	500
300	61	sm	1,8	0,8	3,1	66	6469	930	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	M.Ω.Km	A		kA
16	1,91	402	73	80	1,61
25	1,200	409	95	105	2,49
35	0,868	353	118	124	3,45
50	0,641	334	145	149	4,89
70	0,443	309	182	186	6,81
95	0,320	266	222	222	9,19
120	0,253	257	258	258	11,58
150	0,206	270	292	285	14,43
185	0,164	275	336	321	17,76
240	0,125	254	394	375	22,98
300	0,100	241	453	422	28,67



*)Top View