

NA2XSEKRY 3 x (25-300) mm² 3.6/6 kV

AI / XLPE / CTS / PVC / LS / PVC / SWA / PVC

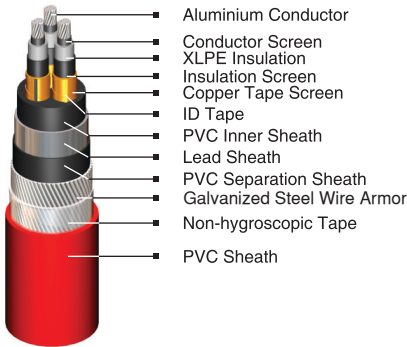
(Aluminium Conductor, XLPE Insulated, Copper Tape Screen, Lead Sheathed, Galvanized Steel Wire Armor, PVC Sheathed)
Standard Specification : IEC 60502-2

Construction Data

Nom. Cross Section Area	Overall Diameter	Cable Weight
	approx.	approx.
mm ²	mm	kg/km
25	47.5	5,292
35	50.5	5,960
50	53.5	6,694
70	58.5	7,816
95	63.0	8,952
120	67.0	10,058
150	70.5	11,079
185	76.5	13,316
240	82.5	15,304
300	89.5	17,803

Application :
For indoor, outdoor, in ground and in duct. Mainly on chemical industries, refineries, petrol. stations and any other locations where there is a risk that solvent, fuel and other chemicals may penetrate and high pulling stresses may occur during installation.

- Special Features on Request**
- Oil Resistance
 - UV Resistance
 - Flame Retardant Cat. A, B, C
 - Flame Retardant Non Category
 - Anti Termite
 - Anti Rodent
 - Low Smoke Zero Halogen



Note :
Conductor Shape
25 - 300 sqmm supplied in compacted circular stranded (cm) conductor shape

Standard Packing
25 - 300 sqmm will be supplied in wooden drum on available length
Length Tolerance per drum ± 2%

Electrical Data

Conductor			Inductance	Current - Carrying Capacity at 30° C *		Short circuit current at 1 sec	
Nom. Cross Sect.	DC Resistance at 20°C	AC Resistance at 90°C		in air	in ground	Conductor	Screen
	Max. (Ω/km)	Max. (Ω/km)		Max. (A)	Max. (A)	Max. (kA)	Max. (kA)
(mm ²)			(mH/km)				
25	1.20	1.539	0.346	121	113	2.35	1.03
35	0.868	1.113	0.326	146	135	3.29	1.03
50	0.641	0.822	0.314	174	159	4.70	1.03
70	0.443	0.568	0.296	216	194	6.58	1.03
95	0.320	0.411	0.284	261	232	8.93	1.03
120	0.253	0.325	0.276	299	263	11.28	1.03
150	0.206	0.265	0.269	337	293	14.10	1.03
185	0.164	0.212	0.262	387	332	17.39	1.03
240	0.125	0.162	0.256	452	382	22.56	1.37
300	0.100	0.130	0.253	512	428	28.20	1.37

* Further information about rating factor for certain cable arrangement can be found on supplementary technical information

NA2XSEKRY 3 x (25-300) mm² 6/10 kV

AI / XLPE / CTS / PVC / LS / PVC / SWA / PVC

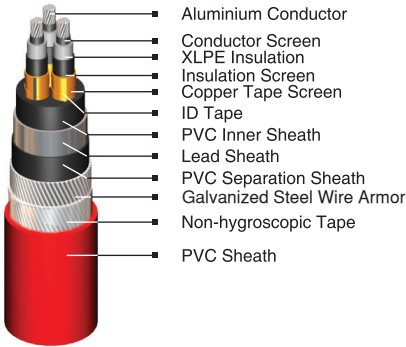
(Aluminium Conductor, XLPE Insulated, Copper Tape Screen, Lead Sheathed, Galvanized Steel Wire Armor, PVC Sheathed)
Standard Specification : IEC 60502-2

Construction Data

Nom. Cross Section Area	Overall Diameter	Cable Weight
	approx.	approx.
mm²	mm	kg/km
25	52.5	6,335
35	55.5	6,981
50	58.5	7,718
70	63.5	8,879
95	68.0	10,158
120	71.5	11,267
150	76.5	13,142
185	81.0	14,630
240	87.0	16,697
300	92.5	18,908

Application :
For indoor, outdoor, in ground and in duct. Mainly on chemical industries, refineries, petrol. stations and any other locations where there is a risk that solvent, fuel and other chemicals may penetrate and high pulling stresses may occur during installation.

- Special Features on Request**
- Oil Resistance
 - UV Resistance
 - Flame Retardant Cat. A, B, C
 - Flame Retardant Non Category
 - Anti Termite
 - Anti Rodent
 - Low Smoke Zero Halogen



Note :
Conductor Shape
25 - 300 sqmm supplied in compacted circular stranded (cm) conductor shape

Standard Packing
25 - 300 sqmm will be suplied in wooden drum on available length
Length Tolerance per drum ± 2%

Electrical Data

Conductor			Inductance	Current - Carrying Capacity at 30° C *		Short circuit current at 1 sec	
Nom. Cross Sect.	DC Resistance at 20°C	AC Resistance at 90°C		in air	in ground	Conductor	Screen
	Max. (Ω/km)	Max. (Ω/km)		Max. (A)	Max. (A)	Max. (kA)	Max. (kA)
(mm²)			(mH/km)				
25	1.20	1.539	0.372	122	113	2.35	1.03
35	0.868	1.113	0.350	147	135	3.29	1.03
50	0.641	0.822	0.336	175	159	4.70	1.03
70	0.443	0.568	0.316	218	194	6.58	1.03
95	0.320	0.411	0.303	262	231	8.93	1.03
120	0.253	0.325	0.293	300	262	11.28	1.03
150	0.206	0.265	0.285	340	293	14.10	1.03
185	0.164	0.211	0.277	389	332	17.39	1.37
240	0.125	0.162	0.268	452	381	22.56	1.37
300	0.100	0.130	0.261	512	427	28.20	1.37

* Further information about rating factor for certain cable arrangement can be found on supplementary technical information

NA2XSEKRY 3 x (25-300) mm² 8.7/15 kV

AI / XLPE / CTS / PVC / LS / PVC / SWA / PVC

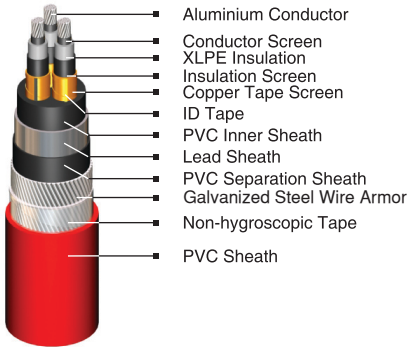
(Aluminium Conductor, XLPE Insulated, Copper Tape Screen, Lead Sheathed, Galvanized Steel Wire Armor, PVC Sheathed)
Standard Specification : IEC 60502-2

Construction Data

Nom. Cross Section Area	Overall Diameter	Cable Weight
	approx.	approx.
mm²	mm	kg/km
25	58.5	7,592
35	62.0	8,443
50	64.5	9,175
70	69.5	10,550
95	73.5	11,761
120	79.0	13,570
150	82.5	14,776
185	87.0	16,439
240	93.0	18,692
300	98.0	20,807

Application :
For indoor, outdoor, in ground and in duct. Mainly on chemical industries, refineries, petrol. stations and any other locations where there is a risk that solvent, fuel and other chemicals may penetrate and high pulling stresses may occur during installation.

- Special Features on Request**
- Oil Resistance
 - UV Resistance
 - Flame Retardant Cat. A, B, C
 - Flame Retardant Non Category
 - Anti Termite
 - Anti Rodent
 - Low Smoke Zero Halogen



Note :
Conductor Shape
25 - 300 sqmm supplied in compacted circular stranded (cm) conductor shape

Standard Packing
25 - 300 sqmm will be suplied in wooden drum on available length
Length Tolerance per drum ± 2%

Electrical Data

Conductor			Inductance	Current - Carrying Capacity at 30° C *		Short circuit current at 1 sec	
Nom. Cross Sect.	DC Resistance at 20°C	AC Resistance at 90°C		in air	in ground	Conductor	Screen
	Max. (Ω/km)	Max. (Ω/km)		Max. (A)	Max. (A)	Max. (kA)	Max. (kA)
(mm²)			(mH/km)				
25	1.20	1.539	0.400	123	113	2.35	1.03
35	0.868	1.113	0.376	148	134	3.29	1.03
50	0.641	0.822	0.361	176	158	4.70	1.03
70	0.443	0.568	0.338	218	193	6.58	1.03
95	0.320	0.411	0.323	264	231	8.93	1.03
120	0.253	0.325	0.312	303	262	11.28	1.03
150	0.206	0.265	0.304	340	292	14.10	1.37
185	0.164	0.211	0.294	388	330	17.39	1.37
240	0.125	0.162	0.284	453	380	22.56	1.37
300	0.100	0.130	0.276	512	426	28.20	1.37

* Further information about rating factor for certain cable arrangement can be found on supplementary technical information

NA2XSEKRY 3 x (35-300) mm² 12/20 kV

AI / XLPE / CTS / PVC / LS / PVC / SWA / PVC

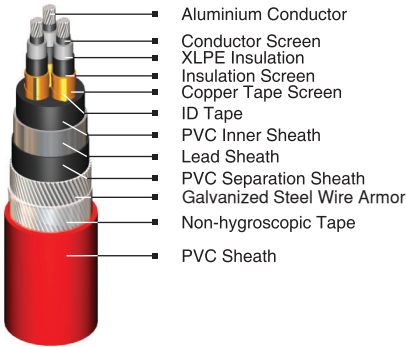
(Aluminium Conductor, XLPE Insulated, Copper Tape Screen, Lead Sheathed, Galvanized Steel Wire Armor, PVC Sheathed)
Standard Specification : IEC 60502-2

Construction Data

Nom. Cross Section Area	Overall Diameter	Cable Weight
	approx.	approx.
mm²	mm	kg/km
35	67.0	9,686
50	70.5	10,566
70	76.5	12,692
95	80.5	13,996
120	84.5	15,307
150	88.0	16,685
185	92.5	18,332
240	98.0	20,486
300	103.5	22,568

Application :
For indoor, outdoor, in ground and in duct. Mainly on chemical industries, refineries, petrol. stations and any other locations where there is a risk that solvent, fuel and other chemicals may penetrate and high pulling stresses may occur during installation.

- Special Features on Request**
- Oil Resistance
 - UV Resistance
 - Flame Retardant Cat. A, B, C
 - Flame Retardant Non Category
 - Anti Termite
 - Anti Rodent
 - Low Smoke Zero Halogen



Note :
Conductor Shape
35 - 300 sqmm supplied in compacted circular stranded (cm) conductor shape

Standard Packing
35 - 300 sqmm will be suplied in wooden drum on available length
Length Tolerance per drum ± 2%

Electrical Data

Conductor			Inductance	Current - Carrying Capacity at 30° C *		Short circuit current at 1 sec	
Nom. Cross Sect.	DC Resistance at 20°C	AC Resistance at 90°C		in air	in ground	Conductor	Screen
	Max. (Ω/km)	Max. (Ω/km)		Max. (A)	Max. (A)	Max. (kA)	Max. (kA)
(mm²)			(mH/km)				
35	0.868	1.113	0.397	149	134	3.29	1.03
50	0.641	0.822	0.380	177	158	4.70	1.03
70	0.443	0.568	0.357	220	194	6.58	1.03
95	0.320	0.411	0.340	265	231	8.93	1.37
120	0.253	0.325	0.328	303	262	11.28	1.37
150	0.206	0.265	0.319	340	291	14.10	1.37
185	0.164	0.211	0.308	389	329	17.39	1.37
240	0.125	0.162	0.297	452	379	22.56	1.37
300	0.100	0.130	0.289	512	425	28.20	1.37

* Further information about rating factor for certain cable arrangement can be found on supplementary technical information

NA2XSEKRY 3 x (50-300) mm² 18/30 kV

AI / XLPE / CTS / PVC / LS / PVC / SWA / PVC

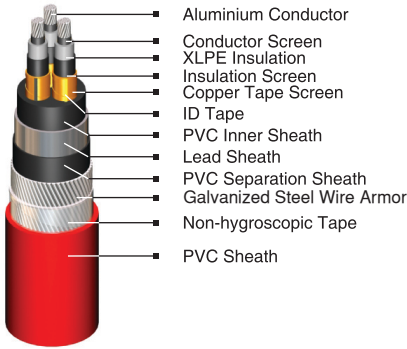
(Aluminium Conductor, XLPE Insulated, Copper Tape Screen, Lead Sheathed, Galvanized Steel Wire Armor, PVC Sheathed)
Standard Specification : IEC 60502-2

Construction Data

Nom. Cross Section Area	Overall Diameter	Cable Weight
	approx.	approx.
mm²	mm	kg/km
50	84.5	15,094
70	90.0	16,760
95	94.0	18,309
120	98.0	19,700
150	101.5	21,121
185	106.0	22,985
240	111.5	25,236
300	117.0	28,050

Application :
For indoor, outdoor, in ground and in duct. Mainly on chemical industries, refineries, petrol. stations and any other locations where there is a risk that solvent, fuel and other chemicals may penetrate and high pulling stresses may occur during installation.

- Special Features on Request**
- Oil Resistance
 - UV Resistance
 - Flame Retardant Cat. A, B, C
 - Flame Retardant Non Category
 - Anti Termite
 - Anti Rodent
 - Low Smoke Zero Halogen



Note :
Conductor Shape
50 - 300 sqmm supplied in compacted circular stranded (cm) conductor shape

Standard Packing
50 - 300 sqmm will be suplied in wooden drum on available length
Length Tolerance per drum ± 2%

Electrical Data

Conductor			Inductance	Current - Carrying Capacity at 30° C *		Short circuit current at 1 sec	
Nom. Cross Sect.	DC Resistance at 20°C	AC Resistance at 90°C		in air	in ground	Conductor	Screen
	Max. (Ω/km)	Max. (Ω/km)		Max. (A)	Max. (A)	Max. (kA)	Max. (kA)
(mm²)			(mH/km)				
50	0.641	0.822	0.423	179	157	4.70	1.37
70	0.443	0.568	0.396	220	192	6.58	1.37
95	0.320	0.411	0.377	265	229	8.93	1.37
120	0.253	0.325	0.364	303	260	11.28	1.37
150	0.206	0.265	0.353	341	290	14.10	1.37
185	0.164	0.211	0.340	389	328	17.39	1.37
240	0.125	0.161	0.327	452	377	22.56	1.37
300	0.100	0.130	0.317	510	422	28.20	1.37

* Further information about rating factor for certain cable arrangement can be found on supplementary technical information