

NA2XSEKY 3 x (25-300) mm² 3.6/6 kV

AI / XLPE / CTS / PVC / LS / PVC

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

Construction Data

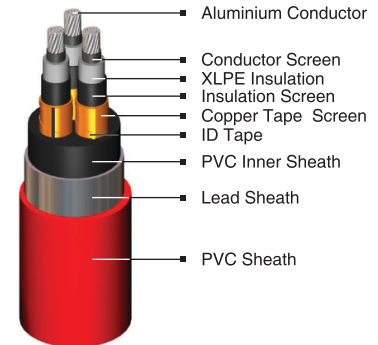
Nom. Cross Section Area	Overall Diameter	Cable Weight
	approx.	approx.
mm ²	mm	kg/km
25	39.5	3,292
35	43.0	3,824
50	46.0	4,419
70	50.5	5,264
95	54.5	6,172
120	58.5	7,089
150	62.0	7,938
185	66.0	9,076
240	72.0	10,662
300	78.5	12,746

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 mechanical damage is not likely to occur.

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
- Nylon Coated



Note :

Conductor Shape

25 - 300 sqmm supplied in compacted circular stranded (cm) conductor shape

Standard Packing

25 - 35 sqmm supplied in wooden drum @ 1000 m

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

Electrical Data

Nom. Cross Sect. (mm ²)	Conductor		Inductance (mH/km)	Current - Carrying Capacity at 30° C *		Short circuit current at 1 sec	
	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)
25	1.20	1.539	0.346	118	113	2.35	1.03
35	0.868	1.113	0.326	143	135	3.29	1.03
50	0.641	0.822	0.314	170	159	4.70	1.03
70	0.443	0.568	0.296	213	195	6.58	1.03
95	0.320	0.411	0.284	258	233	8.93	1.03
120	0.253	0.325	0.276	297	264	11.28	1.03
150	0.206	0.265	0.269	336	295	14.10	1.03
185	0.164	0.212	0.262	386	335	17.39	1.03
240	0.125	0.162	0.256	453	387	22.56	1.37
300	0.100	0.130	0.253	516	434	28.20	1.37

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

NA2XSEKY 3 x (25-300) mm² 6/10 kV

AI / XLPE / CTS / PVC / LS / PVC

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

Construction Data

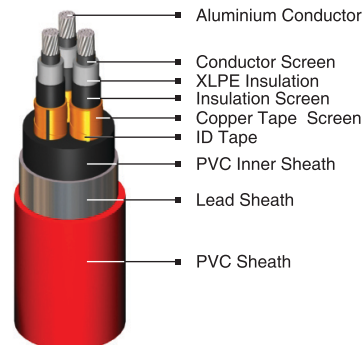
Nom. Cross Section Area	Overall Diameter	Cable Weight
	approx.	approx.
mm ²	mm	kg/km
25	44.5	4,107
35	47.5	4,591
50	50.5	5,166
70	55.0	6,095
95	59.5	7,113
120	63.0	8,006
150	66.0	8,902
185	70.5	10,099
240	76.5	11,762
300	82.0	13,631

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 mechanical damage is not likely to occur.

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
- Nylon Coated



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

Nom. Cross Sect. (mm ²)	Conductor		Inductance (mH/km)	Current - Carrying Capacity at 30° C *		Short circuit current at 1 sec	
	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)
25	1.20	1.539	0.372	120	113	2.35	1.03
35	0.868	1.113	0.350	145	135	3.29	1.03
50	0.641	0.822	0.336	173	159	4.70	1.03
70	0.443	0.568	0.316	215	195	6.58	1.03
95	0.320	0.411	0.303	260	232	8.93	1.03
120	0.253	0.325	0.293	299	264	11.28	1.03
150	0.206	0.265	0.285	338	295	14.10	1.03
185	0.164	0.211	0.277	388	335	17.39	1.37
240	0.125	0.162	0.268	454	386	22.56	1.37
300	0.100	0.130	0.261	517	434	28.20	1.37

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

NA2XSEKY 3 x (25-300) mm² 8,7/15 kV

AI / XLPE / CTS / PVC / LS / PVC

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

Construction Data

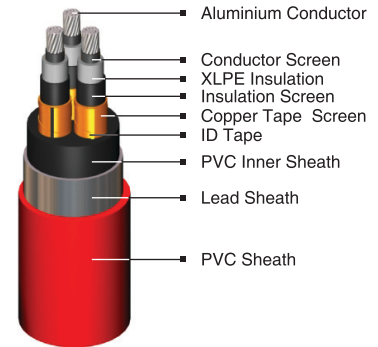
Nom. Cross Section Area	Overall Diameter	Cable Weight
	approx.	approx.
mm ²	mm	kg/km
25	50.5	5,040
35	53.5	5,683
50	56.0	6,315
70	61.0	7,414
95	65.0	8,435
120	68.5	9,183
150	72.0	10,136
185	76.5	11,502
240	82.0	13,411
300	87.5	15,117

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 mechanical damage is not likely to occur.

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
- Nylon Coated



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

Nom. Cross Sect. (mm ²)	Conductor		Inductance (mH/km)	Current - Carrying Capacity at 30° C *		Short circuit current at 1 sec	
	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)
25	1.20	1.539	0.400	121	113	2.35	1.03
35	0.868	1.113	0.376	147	135	3.29	1.03
50	0.641	0.822	0.361	175	159	4.70	1.03
70	0.443	0.568	0.338	217	194	6.58	1.03
95	0.320	0.411	0.323	263	232	8.93	1.03
120	0.253	0.325	0.312	302	264	11.28	1.03
150	0.206	0.265	0.304	340	295	14.10	1.37
185	0.164	0.211	0.294	389	333	17.39	1.37
240	0.125	0.162	0.284	455	385	22.56	1.37
300	0.100	0.130	0.276	518	433	28.20	1.37

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

NA2XSEKY 3 x (35-300) mm² 12/20 kV

AI / XLPE / CTS / PVC / LS / PVC

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

Construction Data

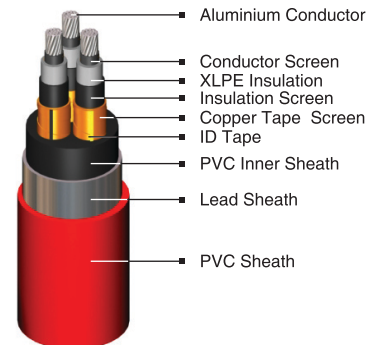
Nom. Cross Section Area	Overall Diameter	Cable Weight
	approx.	approx.
mm ²	mm	kg/km
35	59.0	6,715
50	61.5	7,395
70	66.0	8,454
95	70.0	9,534
120	74.0	10,584
150	77.5	11,701
185	82.0	13,053
240	87.5	14,796
300	92.0	16,533

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 mechanical damage is not likely to occur.

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
- Nylon Coated



Note :

Conductor Shape

35 - 300 sqmm supplied in compacted circular stranded (cm) conductor shape

Standard Packing

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

Electrical Data

Nom. Cross Sect. (mm ²)	Conductor		Inductance (mH/km)	Current - Carrying Capacity at 30° C *		Short circuit current at 1 sec	
	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)
35	0.868	1.113	0.397	148	135	3.29	1.03
50	0.641	0.822	0.380	176	159	4.70	1.03
70	0.443	0.568	0.357	219	194	6.58	1.03
95	0.320	0.411	0.340	264	232	8.93	1.37
120	0.253	0.325	0.328	303	264	11.28	1.37
150	0.206	0.265	0.319	341	294	14.10	1.37
185	0.164	0.211	0.308	391	333	17.39	1.37
240	0.125	0.162	0.297	456	385	22.56	1.37
300	0.100	0.130	0.289	519	433	28.20	1.37

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

NA2XSEKY 3 x (50-300) mm² 18/30 kV

AI / XLPE / CTS / PVC / LS / PVC

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

Construction Data

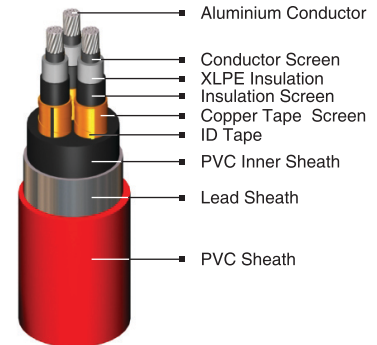
Nom. Cross Section Area	Overall Diameter approx.	Cable Weight approx.
mm ²	mm	kg/km
50	74.0	10,304
70	79.0	11,636
95	83.0	12,875
120	86.5	14,038
150	90.0	15,232
185	94.5	16,752
240	100.0	18,690
300	105.5	21,079

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 mechanical damage is not likely to occur.

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
- Nylon Coated



Note :

Conductor Shape

50 - 300 sqmm supplied in compacted circular stranded (cm) conductor shape

Standard Packing

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

Electrical Data

Nom. Cross Sect. (mm ²)	Conductor		Inductance (mH/km)	Current - Carrying Capacity at 30° C *		Short circuit current at 1 sec	
	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)
50	0.641	0.822	0.423	178	158	4.70	1.37
70	0.443	0.568	0.396	221	194	6.58	1.37
95	0.320	0.411	0.377	266	231	8.93	1.37
120	0.253	0.325	0.364	305	263	11.28	1.37
150	0.206	0.265	0.353	343	293	14.10	1.37
185	0.164	0.211	0.340	393	332	17.39	1.37
240	0.125	0.161	0.327	458	383	22.56	1.37
300	0.100	0.130	0.317	519	430	28.20	1.37

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