

N2XSEKBY 3 x (25-300) mm² 3.6/6 kV

Cu / XLPE / CTS / PVC / LS / PVC / DSTA / PVC

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

Construction Data

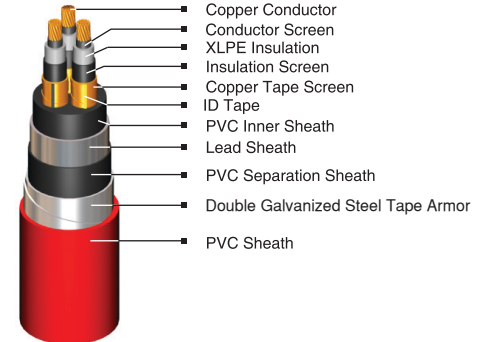
Nom. Cross Section Area	Overall Diameter	Cable Weight
	approx.	approx.
mm ²	mm	kg/km
25	44.0	4,623
35	47.0	5,392
50	50.0	6,265
70	54.5	7,617
95	58.5	9,069
120	63.0	10,531
150	67.0	12,092
185	71.0	14,008
240	77.5	16,909
300	86.0	21,161

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 low mechanical damage may occur.

Special Features on Request

- Fire Resistance
- 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

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	0.727	0.927	0.342	153	145	3.58	1.03
35	0.524	0.668	0.325	185	173	5.01	1.03
50	0.387	0.494	0.313	220	203	7.15	1.03
70	0.268	0.342	0.296	273	248	10.01	1.03
95	0.193	0.247	0.285	329	295	13.59	1.03
120	0.153	0.196	0.276	377	334	17.16	1.03
150	0.124	0.160	0.268	427	373	21.45	1.03
185	0.0991	0.128	0.262	484	419	26.46	1.03
240	0.0754	0.099	0.255	563	479	34.32	1.37
300	0.0601	0.080	0.252	633	529	42.90	1.37

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

N2XSEKBY 3 x (25-300) mm² 6/10 kV

Cu / XLPE / CTS / PVC / LS / PVC / DSTA / PVC

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

Construction Data

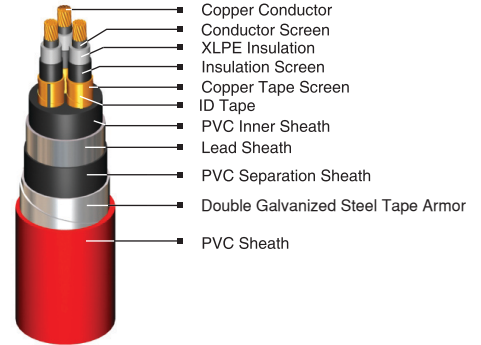
Nom. Cross Section Area	Overall Diameter	Cable Weight
	approx.	approx.
mm ²	mm	kg/km
25	49.0	5,563
35	52.0	6,285
50	55.0	7,158
70	59.5	8,547
95	63.5	10,112
120	67.5	11,606
150	71.5	13,225
185	75.5	15,131
240	82.0	18,117
300	89.0	22,153

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 low mechanical damage may occur.

Special Features on Request

- Fire Resistance
- 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

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	0.727	0.927	0.368	155	145	3.58	1.03
35	0.524	0.668	0.349	187	173	5.01	1.03
50	0.387	0.494	0.335	222	203	7.15	1.03
70	0.268	0.342	0.316	275	248	10.01	1.03
95	0.193	0.247	0.303	331	295	13.59	1.03
120	0.153	0.196	0.293	379	333	17.16	1.03
150	0.124	0.160	0.284	428	373	21.45	1.03
185	0.0991	0.128	0.277	486	418	26.46	1.37
240	0.0754	0.099	0.267	564	478	34.32	1.37
300	0.0601	0.080	0.261	634	529	42.90	1.37

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

N2XSEKBY 3 x (25-300) mm² 8.7/15 kV

Cu / XLPE / CTS / PVC / LS / PVC / DSTA / PVC

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

Construction Data

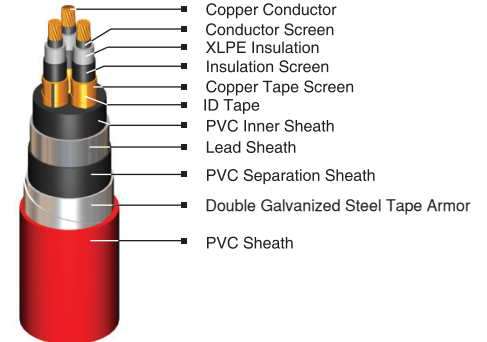
Nom. Cross Section Area	Overall Diameter	Cable Weight
	approx.	approx.
mm ²	mm	kg/km
25	55.0	6,672
35	58.0	7,557
50	61.0	8,462
70	65.5	10,028
95	69.5	11,585
120	73.0	12,907
150	77.5	14,625
185	82.0	16,708
240	89.5	20,793
300	95.0	23,877

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 low mechanical damage may occur.

Special Features on Request

- Fire Resistance
- 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

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	0.727	0.927	0.395	156	144	3.58	1.03
35	0.524	0.668	0.374	189	172	5.01	1.03
50	0.387	0.494	0.359	224	203	7.15	1.03
70	0.268	0.342	0.338	277	247	10.01	1.03
95	0.193	0.247	0.324	334	294	13.59	1.03
120	0.153	0.196	0.312	382	333	17.16	1.03
150	0.124	0.159	0.302	430	372	21.45	1.37
185	0.0991	0.128	0.294	487	416	26.46	1.37
240	0.0754	0.098	0.283	564	475	34.32	1.37
300	0.0601	0.080	0.275	634	527	42.90	1.37

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

N2XSEKBY 3 x (35-300) mm² 12/20 kV

Cu / XLPE / CTS / PVC / LS / PVC / DSTA / PVC

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

Construction Data

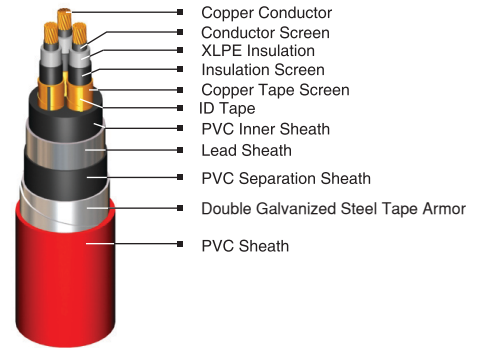
Nom. Cross Section Area	Overall Diameter	Cable Weight
	approx.	approx.
mm ²	mm	kg/km
35	63.5	8,681
50	66.5	9,695
70	71.0	11,242
95	75.0	12,858
120	79.0	14,462
150	84.5	17,169
185	88.5	19,261
240	94.5	22,397
300	100.0	25,516

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 low mechanical damage may occur.

Special Features on Request

- Fire Resistance
- 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 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	0.524	0.668	0.395	190	172	5.01	1.03
50	0.387	0.494	0.379	225	202	7.15	1.03
70	0.268	0.342	0.357	278	247	10.01	1.03
95	0.193	0.247	0.341	335	294	13.59	1.37
120	0.153	0.196	0.328	383	332	17.16	1.37
150	0.124	0.159	0.318	431	370	21.45	1.37
185	0.0991	0.128	0.308	488	414	26.46	1.37
240	0.0754	0.098	0.296	565	473	34.32	1.37
300	0.0601	0.079	0.287	634	525	42.90	1.37

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

N2XSEKBY 3 x (50-300) mm² 18/30 kV

Cu / XLPE / CTS / PVC / LS / PVC / DSTA / PVC

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

Construction Data

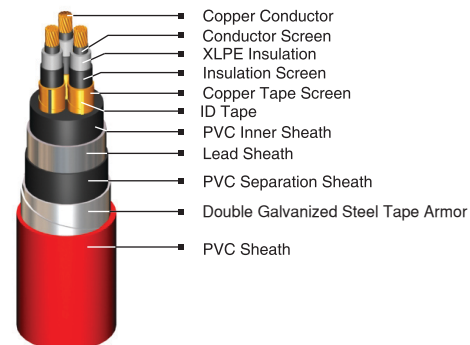
Nom. Cross Section Area	Overall Diameter	Cable Weight
	approx.	approx.
mm ²	mm	kg/km
50	79.5	12,966
70	85.5	15,610
95	89.5	17,465
120	93.5	19,268
150	97.5	21,228
185	102.0	23,529
240	107.5	26,834
300	113.5	30,648

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 low mechanical damage may 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



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	0.387	0.494	0.421	227	201	7.15	1.37
70	0.268	0.342	0.396	280	245	10.01	1.37
95	0.193	0.247	0.378	336	292	13.59	1.37
120	0.153	0.196	0.364	384	330	17.16	1.37
150	0.124	0.159	0.351	432	368	21.45	1.37
185	0.0991	0.128	0.340	488	411	26.46	1.37
240	0.0754	0.098	0.326	564	470	34.32	1.37
300	0.0601	0.079	0.315	632	520	42.90	1.37

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