

N2XSEKY 3 x (25-300) mm² 3.6/6 kV

Cu / XLPE / CTS / PVC / LS / PVC

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

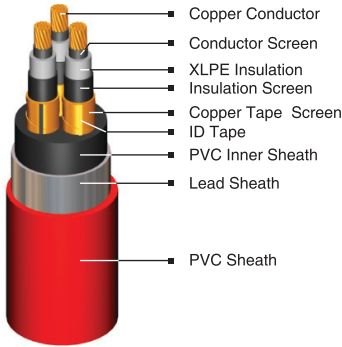
Construction Data

Nom. Cross Section Area	Overall Diameter	Cable Weight
	approx.	approx.
mm²	mm	kg/km
25	40.0	3,806
35	43.0	4,495
50	46.0	5,306
70	50.5	6,520
95	54.5	7,887
120	58.5	9,259
150	62.0	10,708
185	66.0	12,470
240	72.5	15,194
300	79.5	18,433

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

- Fire Resistance
- 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 sqmm supplied in wooden drum @ 1000 m

35 - 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)
(mm²)			(mH/km)				
25	0.727	0.927	0.342	152	146	3.58	1.03
35	0.524	0.668	0.325	185	175	5.01	1.03
50	0.387	0.494	0.313	220	205	7.15	1.03
70	0.268	0.342	0.296	274	251	10.01	1.03
95	0.193	0.247	0.285	332	299	13.59	1.03
120	0.153	0.196	0.276	381	339	17.16	1.03
150	0.124	0.160	0.268	433	380	21.45	1.03
185	0.0991	0.128	0.262	494	428	26.46	1.03
240	0.0754	0.099	0.255	579	493	34.32	1.37
300	0.0601	0.080	0.252	656	551	42.90	1.37

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

N2XSEKY 3 x (25-300) mm² 6/10 kV

Cu / XLPE / CTS / PVC / LS / PVC

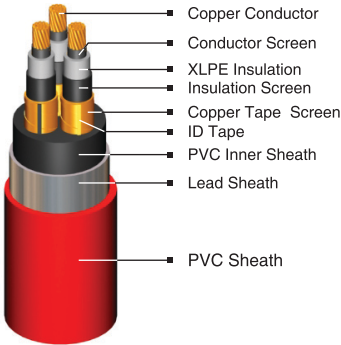
(Copper Conductor, XLPE Insulated, Copper Tape Screen, Lead Sheathed, PVC Sheathed)
Standard Specification : IEC 60502-2

Construction Data

Nom. Cross Section Area	Overall Diameter approx.	Cable Weight approx.
mm²	mm	kg/km
25	45.0	4,627
35	48.0	5,265
50	50.5	6,056
70	55.0	7,351
95	59.0	8,826
120	63.0	10,177
150	66.5	11,677
185	70.5	13,493
240	77.0	16,300
300	82.5	19,324

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**
- Fire Resistance
 - 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

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
(mm²)	Max. (Ω/km)	Max. (Ω/km)		Max. (A)	Max. (A)	Max. (kA)	Max. (kA)
25	0.727	0.927	0.368	155	146	3.58	1.03
35	0.524	0.668	0.349	187	174	5.01	1.03
50	0.387	0.494	0.335	223	205	7.15	1.03
70	0.268	0.342	0.316	277	251	10.01	1.03
95	0.193	0.247	0.303	334	299	13.59	1.03
120	0.153	0.196	0.293	385	339	17.16	1.03
150	0.124	0.160	0.284	436	380	21.45	1.03
185	0.0991	0.128	0.277	497	428	26.46	1.37
240	0.0754	0.099	0.267	580	492	34.32	1.37
300	0.0601	0.080	0.261	658	551	42.90	1.37

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

N2XSEKY 3 x (25-300) mm² 8.7/15 kV

Cu / XLPE / CTS / PVC / LS / PVC

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

Construction Data

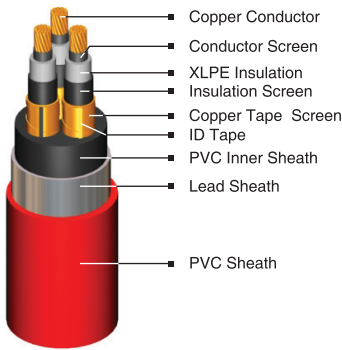
Nom. Cross Section Area	Overall Diameter	Cable Weight
	approx.	approx.
mm²	mm	kg/km
25	50.5	5,566
35	53.5	6,361
50	56.5	7,209
70	61.0	8,669
95	65.0	10,144
120	68.5	11,353
150	72.0	12,915
185	76.5	14,896
240	82.5	17,956
300	88.0	20,818

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

Conductor			Inductance	Current - Carrying Capacity		Short circuit current at 1 sec	
Nom. Cross Sect.	DC Resistance at 20°C	AC Resistance at 90°C		at 30° C *		Conductor	Screen
	Max. (Ω/km)	Max. (Ω/km)		in air	in ground		
(mm²)			(mH/km)	Max. (A)	Max. (A)	Max. (kA)	Max. (kA)
25	0.727	0.927	0.395	157	146	3.58	1.03
35	0.524	0.668	0.374	190	174	5.01	1.03
50	0.387	0.494	0.359	226	205	7.15	1.03
70	0.268	0.342	0.338	279	250	10.01	1.03
95	0.193	0.247	0.324	338	299	13.59	1.03
120	0.153	0.196	0.312	387	339	17.16	1.03
150	0.124	0.159	0.302	439	380	21.45	1.37
185	0.0991	0.128	0.294	498	427	26.46	1.37
240	0.0754	0.098	0.283	582	491	34.32	1.37
300	0.0601	0.080	0.275	660	550	42.90	1.37

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

N2XSEKY 3 x (35-300) mm² 12/20 kV

Cu / XLPE / CTS / PVC / LS / PVC

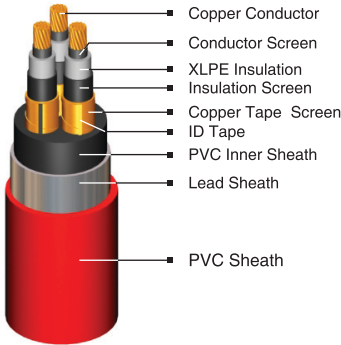
(Copper Conductor, XLPE Insulated, Copper Tape Screen, Lead Sheathed, PVC Sheathed)
Standard Specification : IEC 60502-2

Construction Data

Nom. Cross Section Area	Overall Diameter	Cable Weight
	approx.	approx.
mm²	mm	kg/km
35	59.0	7,395
50	62.0	8,291
70	66.0	9,710
95	70.0	11,241
120	74.0	12,754
150	78.0	14,489
185	82.0	16,447
240	88.0	19,346
300	93.0	22,242

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 $\pm 2\%$

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	0.524	0.668	0.395	191	174	5.01	1.03
50	0.387	0.494	0.379	227	205	7.15	1.03
70	0.268	0.342	0.357	282	250	10.01	1.03
95	0.193	0.247	0.341	340	299	13.59	1.37
120	0.153	0.196	0.328	390	339	17.16	1.37
150	0.124	0.159	0.318	440	378	21.45	1.37
185	0.0991	0.128	0.308	500	426	26.46	1.37
240	0.0754	0.098	0.296	584	491	34.32	1.37
300	0.0601	0.079	0.287	662	550	42.90	1.37

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

N2XSEKY 3 x (50-300) mm² 18/30 kV

Cu / XLPE / CTS / PVC / LS / PVC

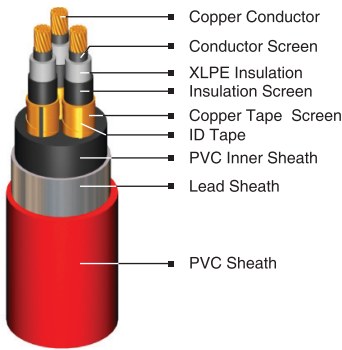
(Copper Conductor, XLPE Insulated, Copper Tape Screen, Lead Sheathed, PVC Sheathed)
Standard Specification : IEC 60502-2

Construction Data

Nom. Cross Section Area	Overall Diameter	Cable Weight
	approx.	approx.
mm²	mm	kg/km
50	74.5	11,207
70	79.0	12,891
95	83.0	14,575
120	86.5	16,208
150	90.5	18,033
185	94.5	20,146
240	100.5	23,254
300	106.0	26,810

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

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	0.387	0.494	0.421	230	204	7.15	1.37
70	0.268	0.342	0.396	284	249	10.01	1.37
95	0.193	0.247	0.378	342	297	13.59	1.37
120	0.153	0.196	0.364	392	337	17.16	1.37
150	0.124	0.159	0.351	443	377	21.45	1.37
185	0.0991	0.128	0.340	503	425	26.46	1.37
240	0.0754	0.098	0.326	586	489	34.32	1.37
300	0.0601	0.079	0.315	661	547	42.90	1.37

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