N2XSEKRY 3 x (25-300) mm² 3.6/6 kV

Cu / XLPE / CTS / PVC / LS / PVC / SWA / PVC

(Copper Conductor, XLPE Insulated, Copper Tape Screen, Lead Sheathed, Galvanized Steel Wire Armor, PVC Sheathed)

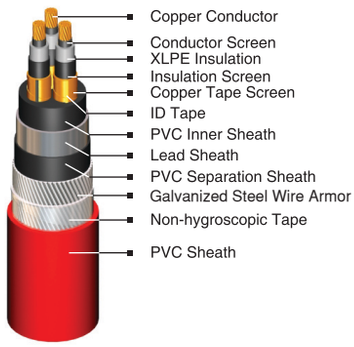
Standard Specification : IEC 60502-2

Construction Data

Nom. Cross Section Area	Overall Diameter	Cable Weight
	approx.	approx.
mm²	mm	kg/km
25	48.0	5,808
35	51.0	6,673
50	54.0	7,623
70	58.5	9,072
95	62.5	10,626
120	67.0	12,228
150	71.0	13,892
185	76.5	16,710
240	83.0	19,840
300	90.0	23,560

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
- 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 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
(mm²)	Max. (Ω/km)	Max. (Ω/km)	(mH/km)	Max. (A)	Max. (A)	Max. (kA)	Max. (kA)
25	0.727	0.927	0.342	156	146	3.58	1.03
35	0.524	0.668	0.325	189	175	5.01	1.03
50	0.387	0.494	0.313	224	205	7.15	1.03
70	0.268	0.342	0.296	278	250	10.01	1.03
95	0.193	0.247	0.285	335	298	13.59	1.03
120	0.153	0.196	0.276	384	337	17.16	1.03
150	0.124	0.160	0.268	434	377	21.45	1.03
185	0.0991	0.128	0.262	495	423	26.46	1.03
240	0.0754	0.099	0.255	576	485	34.32	1.37
300	0.0601	0.080	0.252	648	540	42.90	1.37

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

1BM33-01 Rev. 2.0 / 2009

N2XSEKRY 3 x (25-300) mm² 6/10 kV

Cu / XLPE / CTS / PVC / LS / PVC / SWA / PVC

(Copper Conductor, XLPE Insulated, Copper Tape Screen, Lead Sheathed, Galvanized Steel Wire Armor, PVC Sheathed)

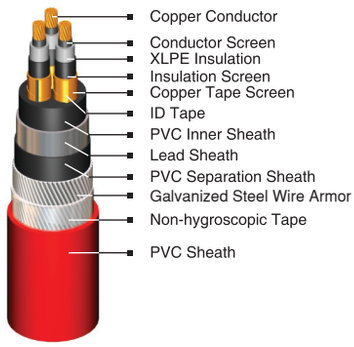
Standard Specification : IEC 60502-2

Construction Data

Nom. Cross Section Area	Overall Diameter	Cable Weight
	approx.	approx.
mm²	mm	kg/km
25	53.0	6,897
35	56.0	7,697
50	59.0	8,650
70	63.5	10,135
95	67.5	11,829
120	71.5	13,437
150	77.0	15,920
185	81.0	18,024
240	87.5	21,238
300	93.0	24,670

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
- 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 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
(mm²)	Max. (Ω/km)	Max. (Ω/km)	(mH/km)	Max. (A)	Max. (A)	Max. (kA)	Max. (kA)
25	0.727	0.927	0.368	158	146	3.58	1.03
35	0.524	0.668	0.349	190	174	5.01	1.03
50	0.387	0.494	0.335	226	205	7.15	1.03
70	0.268	0.342	0.316	280	250	10.01	1.03
95	0.193	0.247	0.303	336	297	13.59	1.03
120	0.153	0.196	0.293	385	336	17.16	1.03
150	0.124	0.160	0.284	437	376	21.45	1.03
185	0.0991	0.128	0.277	497	423	26.46	1.37
240	0.0754	0.099	0.267	576	484	34.32	1.37
300	0.0601	0.080	0.261	649	539	42.90	1.37

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

1BM33-02 Rev. 2.0 / 2009

N2XSEKRY 3 x (25-300) mm² 8.7/15 kV

Cu / XLPE / CTS / PVC / LS / PVC / SWA / PVC

(Copper Conductor, XLPE Insulated, Copper Tape Screen, Lead Sheathed, Galvanized Steel Wire Armor, PVC Sheathed)

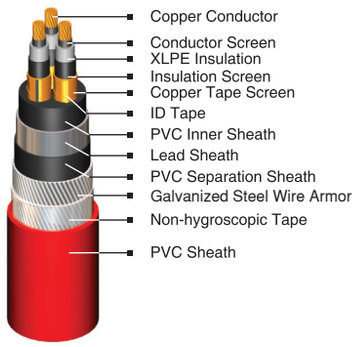
Standard Specification : IEC 60502-2

Construction Data

Nom. Cross Section Area	Overall Diameter	Cable Weight
	approx.	approx.
mm²	mm	kg/km
25	59.0	8,160
35	62.0	9,122
50	65.0	10,110
70	69.5	11,806
95	73.5	13,469
120	79.0	15,740
150	82.5	17,559
185	87.0	19,833
240	93.5	23,304
300	99.0	26,514

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
- 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 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
(mm²)	Max. (Ω/km)	Max. (Ω/km)	(mH/km)	Max. (A)	Max. (A)	Max. (kA)	Max. (kA)
25	0.727	0.927	0.395	159	145	3.58	1.03
35	0.524	0.668	0.374	192	174	5.01	1.03
50	0.387	0.494	0.359	228	204	7.15	1.03
70	0.268	0.342	0.338	281	249	10.01	1.03
95	0.193	0.247	0.324	339	297	13.59	1.03
120	0.153	0.196	0.312	388	336	17.16	1.03
150	0.124	0.159	0.302	438	375	21.45	1.37
185	0.0991	0.128	0.294	496	421	26.46	1.37
240	0.0754	0.098	0.283	576	483	34.32	1.37
300	0.0601	0.080	0.275	649	538	42.90	1.37

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

1BM33-03 Rev. 2.0 / 2009

N2XSEKRY 3 x (35-300) mm² 12/20 kV

Cu / XLPE / CTS / PVC / LS / PVC / SWA / PVC

(Copper Conductor, XLPE Insulated, Copper Tape Screen, Lead Sheathed, Galvanized Steel Wire Armor, PVC Sheathed)

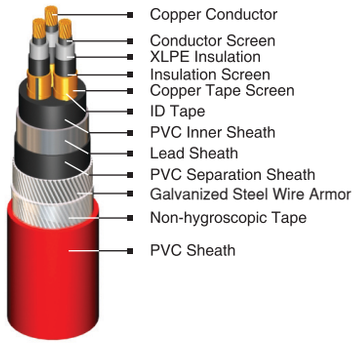
Standard Specification : IEC 60502-2

Construction Data

Nom. Cross Section Area	Overall Diameter	Cable Weight
	approx.	approx.
mm²	mm	kg/km
35	67.5	10,368
50	70.5	11,464
70	76.5	13,948
95	80.0	15,701
120	84.5	17,477
150	88.5	19,540
185	92.5	21,726
240	98.5	25,040
300	104.0	28,283

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
- 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 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
(mm²)	Max. (Ω/km)	Max. (Ω/km)	(mH/km)	Max. (A)	Max. (A)	Max. (kA)	Max. (kA)
35	0.524	0.668	0.395	193	173	5.01	1.03
50	0.387	0.494	0.379	228	203	7.15	1.03
70	0.268	0.342	0.357	283	249	10.01	1.03
95	0.193	0.247	0.341	341	296	13.59	1.37
120	0.153	0.196	0.328	389	335	17.16	1.37
150	0.124	0.159	0.318	438	374	21.45	1.37
185	0.0991	0.128	0.308	496	420	26.46	1.37
240	0.0754	0.098	0.296	576	481	34.32	1.37
300	0.0601	0.079	0.287	649	537	42.90	1.37

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

1BM33-04 Rev. 2.0 / 2009

N2XSEKRY 3 x (50-300) mm² 18/30 kV

Cu / XLPE / CTS / PVC / LS / PVC / SWA / PVC

(Copper Conductor, XLPE Insulated, Copper Tape Screen, Lead Sheathed, Galvanized Steel Wire Armor, PVC Sheathed)

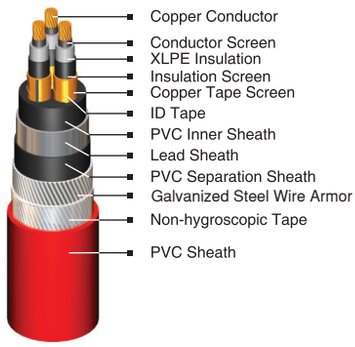
Standard Specification : IEC 60502-2

Construction Data

Nom. Cross Section Area	Overall Diameter	Cable Weight
	approx.	approx.
mm²	mm	kg/km
50	85.0	15,999
70	90.0	18,015
95	94.0	20,007
120	98.0	21,870
150	102.0	23,925
185	106.0	26,379
240	112.0	29,868
300	117.5	33,789

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
(mm²)	Max. (Ω/km)	Max. (Ω/km)	(mH/km)	Max. (A)	Max. (A)	Max. (kA)	Max. (kA)
50	0.387	0.494	0.421	230	203	7.15	1.37
70	0.268	0.342	0.396	284	247	10.01	1.37
95	0.193	0.247	0.378	340	294	13.59	1.37
120	0.153	0.196	0.364	389	333	17.16	1.37
150	0.124	0.159	0.351	438	372	21.45	1.37
185	0.0991	0.128	0.340	496	417	26.46	1.37
240	0.0754	0.098	0.326	575	479	34.32	1.37
300	0.0601	0.079	0.315	646	532	42.90	1.37

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

1BM33-05 Rev. 2.0 / 2009