

N2XSEKFGbY 3 x (25-300) mm² 3.6/6 kV

Cu / XLPE / CTS / PVC / LS / PVC / SFWA / PVC

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

Construction Data

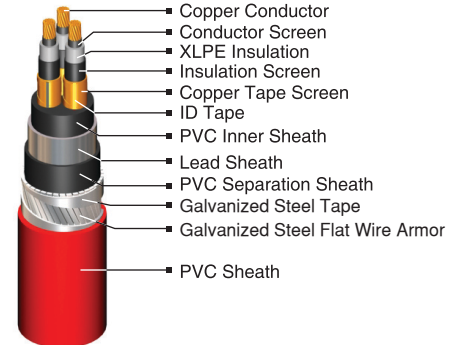
Nom. Cross Section Area	Overall Diameter	Cable Weight
	approx.	approx.
mm ²	mm	kg/km
25	44.5	4,873
35	47.5	5,663
50	50.5	6,555
70	55.0	7,912
95	59.0	9,372
120	63.0	10,887
150	67.0	12,484
185	71.5	14,406
240	78.0	17,343
300	85.0	20,836

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 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	426	373	21.45	1.03
185	0.0991	0.128	0.262	483	418	26.46	1.03
240	0.0754	0.099	0.255	562	478	34.32	1.37
300	0.0601	0.080	0.252	632	530	42.90	1.37

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

N2XSEKFGbY 3 x (25-300) mm² 6/10 kV

Cu / XLPE / CTS / PVC / LS / PVC / SFWA / PVC

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

Construction Data

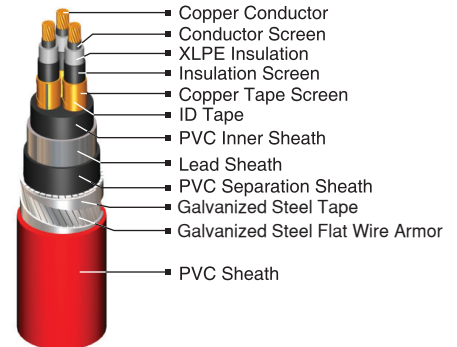
Nom. Cross Section Area	Overall Diameter	Cable Weight
	approx.	approx.
mm ²	mm	kg/km
25	49.0	5,817
35	52.0	6,558
50	55.0	7,451
70	59.5	8,869
95	64.0	10,490
120	68.0	11,990
150	72.0	13,644
185	76.0	15,560
240	82.5	18,581
300	88.0	21,818

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 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 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	294	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	372	21.45	1.03
185	0.0991	0.128	0.277	486	417	26.46	1.37
240	0.0754	0.099	0.267	562	476	34.32	1.37
300	0.0601	0.080	0.261	633	529	42.90	1.37

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

N2XSEKFGbY 3 x (25-300) mm² 8.7/15 kV

Cu / XLPE / CTS / PVC / LS / PVC / SFWA / PVC

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

Construction Data

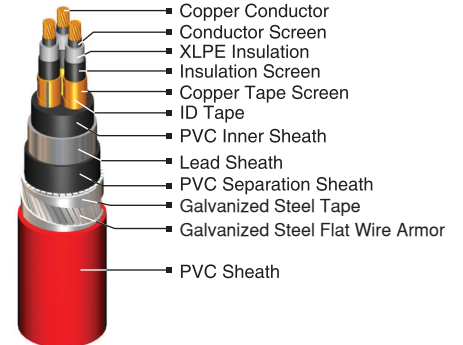
Nom. Cross Section Area	Overall Diameter	Cable Weight
	approx.	approx.
mm ²	mm	kg/km
25	55.5	6,963
35	58.5	7,866
50	61.0	8,815
70	66.0	10,407
95	69.5	11,975
120	73.5	13,335
150	77.5	15,062
185	82.0	17,175
240	88.5	20,453
300	93.5	23,487

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

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	157	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	381	333	17.16	1.03
150	0.124	0.159	0.302	429	371	21.45	1.37
185	0.0991	0.128	0.294	486	415	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	528	42.90	1.37

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

N2XSEKFGbY 3 x (35-300) mm² 12/20 kV

Cu / XLPE / CTS / PVC / LS / PVC / SFWA / PVC

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

Construction Data

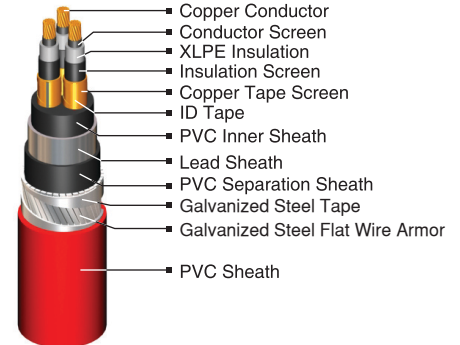
Nom. Cross Section Area	Overall Diameter	Cable Weight
	approx.	approx.
mm ²	mm	kg/km
35	63.5	9,030
50	67.0	10,066
70	71.0	11,643
95	75.0	13,297
120	79.0	14,910
150	83.5	16,810
185	87.5	18,935
240	93.5	21,986
300	99.0	25,141

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 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	293	13.59	1.37
120	0.153	0.196	0.328	383	332	17.16	1.37
150	0.124	0.159	0.318	430	370	21.45	1.37
185	0.0991	0.128	0.308	487	414	26.46	1.37
240	0.0754	0.098	0.296	565	474	34.32	1.37
300	0.0601	0.079	0.287	634	526	42.90	1.37

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

N2XSEKFGbY 3 x (50-300) mm² 18/30 kV

Cu / XLPE / CTS / PVC / LS / PVC / SFWA / PVC

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

Construction Data

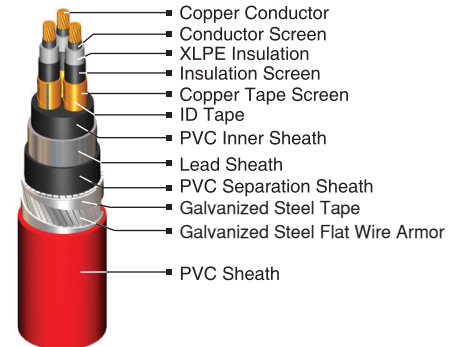
Nom. Cross Section Area	Overall Diameter	Cable Weight
	approx.	approx.
mm ²	mm	kg/km
50	80.0	13,433
70	84.5	15,290
95	88.5	17,115
120	92.5	18,876
150	96.5	20,805
185	101.0	23,141
240	106.5	26,385
300	112.5	30,227

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 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	291	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	487	412	26.46	1.37
240	0.0754	0.098	0.326	565	471	34.32	1.37
300	0.0601	0.079	0.315	632	521	42.90	1.37

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