

NA2XSEKFGbY 3 x (25-300) mm² 3.6/6 kV

AI / XLPE / CTS / PVC / LS / PVC / SFWA / PVC

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

Construction Data

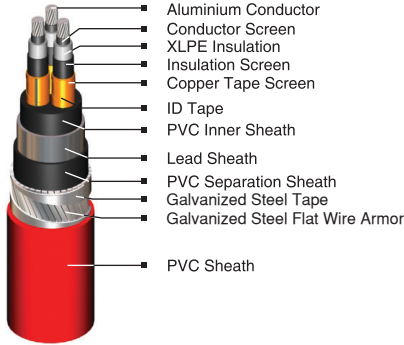
Nom. Cross Section Area	Overall Diameter	Cable Weight
	approx.	approx.
mm²	mm	kg/km
25	44.0	4,355
35	47.0	4,989
50	50.0	5,665
70	55.0	6,657
95	59.0	7,659
120	63.0	8,717
150	66.5	9,683
185	71.5	11,012
240	77.5	12,805
300	84.5	15,114

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

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	1.20	1.539	0.346	118	112	2.35	1.03
35	0.868	1.113	0.326	143	134	3.29	1.03
50	0.641	0.822	0.314	170	157	4.70	1.03
70	0.443	0.568	0.296	212	193	6.58	1.03
95	0.320	0.411	0.284	257	230	8.93	1.03
120	0.253	0.325	0.276	294	260	11.28	1.03
150	0.206	0.265	0.269	332	291	14.10	1.03
185	0.164	0.212	0.262	379	328	17.39	1.03
240	0.125	0.162	0.256	443	377	22.56	1.37
300	0.100	0.130	0.253	501	422	28.20	1.37

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

NA2XSEKFGbY 3 x (25-300) mm² 6/10 kV

AI / XLPE / CTS / PVC / LS / PVC / SFWA / PVC

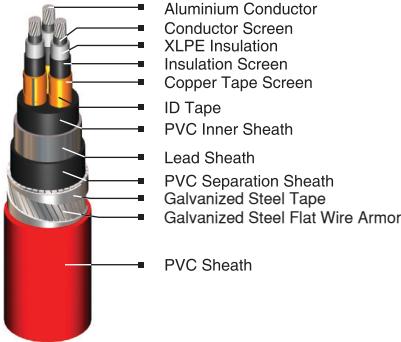
(Aluminium Conductor, XLPE Insulated, Copper Tape Screen, Lead Sheathed, Galvanized Steel Flat Wire Armor, PVC Sheathed)
Standard Specification : IEC 60502-2

Construction Data

Nom. Cross Section Area	Overall Diameter	Cable Weight
	approx.	approx.
mm²	mm	kg/km
25	48.5	5,293
35	52.0	5,881
50	55.0	6,559
70	59.5	7,613
95	64.0	8,806
120	68.0	9,820
150	71.5	10,839
185	76.0	12,166
240	82.0	14,038
300	87.5	16,090

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

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	1.20	1.539	0.372	120	112	2.35	1.03
35	0.868	1.113	0.350	145	134	3.29	1.03
50	0.641	0.822	0.336	172	157	4.70	1.03
70	0.443	0.568	0.316	214	193	6.58	1.03
95	0.320	0.411	0.303	258	229	8.93	1.03
120	0.253	0.325	0.293	296	260	11.28	1.03
150	0.206	0.265	0.285	333	290	14.10	1.03
185	0.164	0.211	0.277	381	328	17.39	1.37
240	0.125	0.162	0.268	443	376	22.56	1.37
300	0.100	0.130	0.261	502	421	28.20	1.37

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

NA2XSEKFGbY 3 x (25-300) mm² 8.7/15 kV

AI / XLPE / CTS / PVC / LS / PVC / SFWA / PVC

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

Construction Data

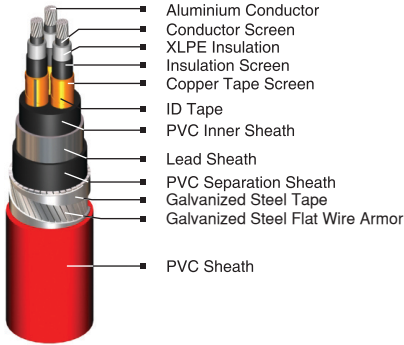
Nom. Cross Section Area	Overall Diameter	Cable Weight
	approx.	approx.
mm ²	mm	kg/km
25	55.0	6,432
35	58.0	7,186
50	61.0	7,919
70	66.0	9,151
95	70.0	10,268
120	73.5	11,165
150	77.0	12,277
185	82.0	13,781
240	88.0	15,902
300	93.0	17,751

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 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
	Max. (Ω/km)	Max. (Ω/km)		Max. (A)	Max. (A)	Max. (kA)	Max. (kA)
(mm ²)			(mH/km)				
25	1.20	1.539	0.400	121	112	2.35	1.03
35	0.868	1.113	0.376	146	134	3.29	1.03
50	0.641	0.822	0.361	174	157	4.70	1.03
70	0.443	0.568	0.338	215	192	6.58	1.03
95	0.320	0.411	0.323	260	229	8.93	1.03
120	0.253	0.325	0.312	298	260	11.28	1.03
150	0.206	0.265	0.304	334	289	14.10	1.37
185	0.164	0.211	0.294	381	326	17.39	1.37
240	0.125	0.162	0.284	444	375	22.56	1.37
300	0.100	0.130	0.276	503	420	28.20	1.37

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

NA2XSEKFGbY 3 x (35-300) mm² 12/20 kV

AI / XLPE / CTS / PVC / LS / PVC / SFWA / PVC

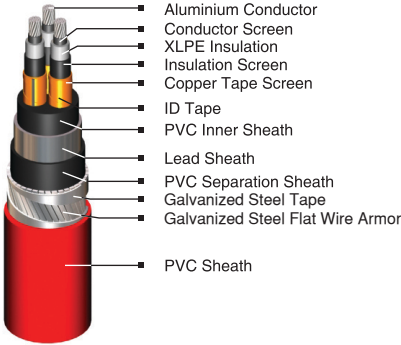
(Aluminium Conductor, XLPE Insulated, Copper Tape Screen, Lead Sheathed, Galvanized Steel Flat Wire Armor, PVC Sheathed)
Standard Specification : IEC 60502-2

Construction Data

Nom. Cross Section Area	Overall Diameter	Cable Weight
	approx.	approx.
mm²	mm	kg/km
35	63.5	8,347
50	66.5	9,167
70	71.0	10,388
95	75.0	11,593
120	79.0	12,740
150	83.0	14,017
185	87.5	15,541
240	93.0	17,430
300	98.0	19,397

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

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	0.868	1.113	0.397	147	133	3.29	1.03
50	0.641	0.822	0.380	174	157	4.70	1.03
70	0.443	0.568	0.357	216	192	6.58	1.03
95	0.320	0.411	0.340	261	229	8.93	1.37
120	0.253	0.325	0.328	299	259	11.28	1.37
150	0.206	0.265	0.319	335	289	14.10	1.37
185	0.164	0.211	0.308	382	326	17.39	1.37
240	0.125	0.162	0.297	445	375	22.56	1.37
300	0.100	0.130	0.289	503	419	28.20	1.37

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

NA2XSEKFGbY 3 x (50-300) mm² 18/30 kV

AI / XLPE / CTS / PVC / LS / PVC / SFWA / PVC

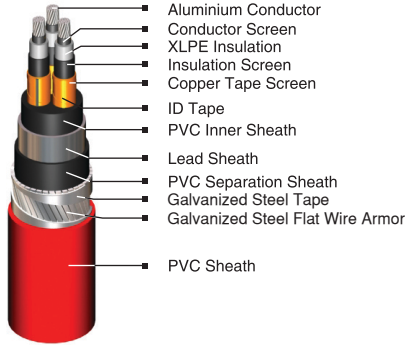
(Aluminium Conductor, XLPE Insulated, Copper Tape Screen, Lead Sheathed, Galvanized Steel Flat Wire Armor, PVC Sheathed)
Standard Specification : IEC 60502-2

Construction Data

Nom. Cross Section Area	Overall Diameter	Cable Weight
	approx.	approx.
mm²	mm	kg/km
50	79.5	12,500
70	84.5	14,035
95	89.0	15,418
120	92.5	16,706
150	96.0	17,998
185	101.0	19,747
240	106.0	21,790
300	112.0	24,459

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
	Max. (Ω/km)	Max. (Ω/km)		Max. (A)	Max. (A)	Max. (kA)	Max. (kA)
(mm²)			(mH/km)				
50	0.641	0.822	0.423	176	156	4.70	1.37
70	0.443	0.568	0.396	218	191	6.58	1.37
95	0.320	0.411	0.377	262	227	8.93	1.37
120	0.253	0.325	0.364	300	258	11.28	1.37
150	0.206	0.265	0.353	336	288	14.10	1.37
185	0.164	0.211	0.340	383	324	17.39	1.37
240	0.125	0.161	0.327	445	373	22.56	1.37
300	0.100	0.130	0.317	501	416	28.20	1.37

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