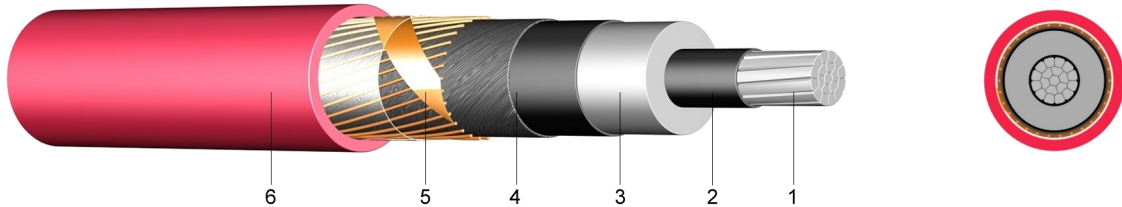


## NA2XSJ

## XLPE Insulated Single-Core Cable with PVC Outer Sheath

### Application:

To be laid directly in ground, outdoors, indoors and in cable ducts.



### Construction:

- 1 ..... stranded (RM) aluminium wires
- 2 ..... inner layer of semi-conducting material
- 3 ..... core insulation of cross-linked polyethylene
- 4 ..... outer layer of semi-conducting material
- 5 ..... screen of copper wires
- 6 ..... outer sheath of polyvinylchloride (PVC), red

### Standards:

DIN VDE0276-620  
 HD 620 S1: 1995  
 DIN EN 60228 class 2 (construction)

### Technical data:

Test voltage	6 / 10 kV	[kV]	21 / 5 min.
	12 / 20 kV	[kV]	42 / 5 min.
	18 / 30 kV	[kV]	63 / 5 min.
Temperature range	in motion		- 5°C till +70°C
	fixed		-20°C till +70°C
Operating temperature	short circuit	°C	250
Short circuit time	max.	[sec]	5
Bending radius	min.	x diameter	15
Flammability	standard		EN 60332-1-2

Number of cores and nominal cross section mm <sup>2</sup>	Aluminium figure kg/km	Copper figure kg/km	Overall diameter appr. mm	Overall diameter max. value appr. mm	Weight appr. kg/km	Current carrying capacity ground A*	Current carrying capacity air A*
<b>6 / 10 kV</b>							
1 x 35 RM/16	103	182,4	23	28	700	145	153
1 x 50 RM/16	147	182,4	24	29	750	171	183
1 x 70 RM/16	206	182,4	26	31	850	208	228
1 x 95 RM/16	279	182,4	27	32	950	248	278
1 x 120 RM/16	353	182,4	29	34	1.050	283	321
1 x 150 RM/25	441	283,2	30	35	1.300	315	364
1 x 185 RM/25	544	283,2	32	37	1.400	357	418
1 x 240 RM/25	706	283,2	34	39	1.650	413	494
1 x 300 RM/25	882	283,2	36	40	1.850	466	568
1 x 400 RM/35	1.176	393,6	40	45	2.300	529	660

Number of cores and nominal cross section mm <sup>2</sup>	Aluminium figure	Copper figure	Overall diameter	Overall diameter max. value	Weight	Current carrying capacity ground	Current carrying capacity air
	kg/km	kg/km	appr. mm	appr. mm	appr. kg/km	A*	A*
<b>12 / 20 kV</b>							
1 x 50 RM/16	147	182,4	28	33	950	172	185
1 x 70 RM/16	206	182,4	30	35	1.050	210	231
1 x 95 RM/16	279	182,4	31	36	1.150	251	280
1 x 120 RM/16	353	182,4	33	38	1.300	285	323
1 x 150 RM/25	441	283,2	34	39	1.500	319	366
1 x 185 RM/25	544	283,2	36	41	1.650	361	420
1 x 240 RM/25	706	283,2	39	44	1.850	417	496
1 x 300 RM/25	882	283,2	41	46	2.100	471	569
1 x 400 RM/35	1.176	393,6	44	49	2.550	535	660

Number of cores and nominal cross section mm <sup>2</sup>	Aluminium figure	Copper figure	Overall diameter	Overall diameter max. value	Weight	Current carrying capacity ground	Current carrying capacity air
	kg/km	kg/km	appr. mm	appr. mm	appr. kg/km	A*	A*
<b>18 / 30 kV</b>							
1 x 50 RM/16	147	182,4	36	41	1.190	175	187
1 x 70 RM/16	206	182,4	37	42	1.315	214	232
1 x 95 RM/16	279	182,4	39	43	1.450	256	281
1 x 120 RM/16	353	182,4	40	45	1.580	290	323
1 x 150 RM/25	441	283,2	42	47	1.800	324	365
1 x 185 RM/25	544	283,2	44	49	1.965	366	418
1 x 240 RM/25	706	283,2	46	51	2.230	426	494
1 x 300 RM/25	882	283,2	49	53	2.470	479	564
1 x 400 RM/35	1.176	393,6	51	56	2.920	545	654

\* trefoil touching arrangement