NIEDERSPANNUNGSKABEL

NA2XY



APPLICATION

The NA2XY cable is a robust low-voltage cable with an aluminium conductor, PE insulation, and a PVC sheath. It is designed for fixed installation under increased mechanical stress and is particularly suitable for power distribution in industrial and public supply networks.

TECHNICAL DATA

Bending radius (mm)	15/12xD mm	**CPR class**	Eca
Maximal operating conductor temperature (°C)	90 °C	**Maximal short-circuit temperature (°C)**	250 °C
Minimal storage temperature (°C)	-35 °C	**Minimal temperature for laying (°C)**	-5 °C
Operating temperature range (°C)	-35-+90 °C	**Rated voltage (kV)**	0.6/1 kV
Self-extinguishing of single cable	IEC 60332-1-2	**Test voltage (kV)**	4 kV

CONFIGURATIONS — 0.6/1 KV

Cores & CS	Cond.	Shape	Rl [Ohm/km]	Wi [mm]	Wm [mm]	Rbv [mm]	Ø [mm]	G [kg/km]
1x16	Al	RMV	1.91	0.7	1.8	12xD	10	136
1x25	Al	RMV	1.2	0.9	1.8	12xD	12	182
1x35	Al	RMV	0.868	0.9	1.8	12xD	13	222
1x50	Al	RMV	0.641	1	1.8	12xD	14	275
1x70	Al	RMV	0.443	1.1	1.8	12xD	16	358
1x95	Al	RMV	0.32	1.1	1.8	12xD	18	448
1x120	Al	RMV	0.253	1.2	1.8	12xD	20	538
1x150	Al	RMV	0.206	1.4	1.8	12xD	22	654
1x185	Al	RMV	0.164	1.6	1.8	12xD	24	797
1x240	Al	RMV	0.125	1.7	1.8	12xD	26	991

1x300	Al	RMV	0.1	1.8	1.8	12xD	29	1194
1x400	Al	RMV	0.0778	2	1.9	12xD	32	1504
1x500	Al	RMV	0.0605	2.2	2	12xD	36	1889
3x16	Al	RE	1.91	0.7	1.8	12xD	19	513
3x25	Al	RE	1.2	0.9	1.8	12xD	22	703
3x35	Al	RE	0.868	0.9	1.8	12xD	25	868
3x50	Al	SM	0.641	1	1.8	12xD	26	955
3x70	Al	SM	0.443	1.1	1.9	12xD	30	1274
3x95	Al	SM	0.32	1.1	2	12xD	33	1584
3x120	Al	SM	0.253	1.2	2.1	12xD	39	1951
3x150	Al	SM	0.206	1.4	2.3	12xD	41	2354
3x185	Al	SM	0.164	1.6	2.4	12xD	45	2832
3x240	Al	SM	0.125	1.7	2.6	12xD	51	3597
3x25+16	Al	RE	1.2	0.9/0.7	1.8	12xD	23	770
3x35+16	Al	RE	0.868	0.9/0.7	1.8	12xD	25	940
3x50+25	Al	SM/RE	0.641	1.0/0.9	1.8	12xD	29	1142
3x70+35	Al	SM/RE	0.443	1.1/0.9	1.9	12xD	33	1509
3x95+50	Al	SM	0.32	1.1/1.0	2.1	12xD	37	1859
3x120+70	Al	SM	0.253	1.2/1.1	2.2	12xD	40	2245
3x150+70	Al	SM	0.206	1.4/1.1	2.3	12xD	45	2720
3x185+95	Al	SM	0.164	1.6/1.1	2.5	12xD	49	3310
3x240+120	Al	SM	0.125	1.7/1.2	2.7	12xD	56	4202
4x16	Al	RMV	1.91	0.7	1.8	12xD	21	611
4x25	Al	RE	1.2	0.9	1.8	12xD	24	823
4x35	Al	RE	0.868	0.9	1.8	12xD	27	1015
4x35	Al	SM	0.868	0.9	1.8	12xD	26	960
4x50	Al	RMV	0.641	1	1.9	12xD	32	1385
4x50	Al	SE	0.641	1	1.9	12xD	27	1115
4x50	Al	SM	0.641	1	1.9	12xD	29	1192
4x70	Al	SE	0.443	1.1	2	12xD	32	1501
4x95	Al	SE	0.32	1.1	2.1	12xD	35	1901
4x95	Al	SM	0.32	1.1	2.1	12xD	37	2012
4x120	Al	SE	0.253	1.2	2.3	12xD	39	2376
4x150	Al	SE	0.206	1.4	2.4	12xD	43	2827
4x150	Al	SM	0.206	1.4	2.4	12xD	46	3007
4x185	Al	SE	0.164	1.6	2.6	12xD	48	3466
4x240	Al	SE	0.125	1.7	2.8	12xD	54	4373
4x240	Al	SM	0.125	1.7	2.8	12xD	57	4648
5x16	Al	RE	1.91	0.7	1.8	12xD	23	688
5x25	Al	RE	1.2	0.9	1.8	12xD	26	955
5x35	Al	RE	0.868	0.9	1.8	12xD	29	1181
5x50	Al	SM	0.641	1	2	12xD	33	1543
5x70	Al	SM	0.443	1.1	2.1	12xD	38	2030

5x95	Al	SM	0.32	1.1	2.3	12xD	42	2604
5x120	Al	SM	0.253	1.2	2.4	12xD	47	3159