NIEDERSPANNUNGSKABEL

NA2X2Y



APPLICATION

The NA2X2Y cable is a durable low-voltage cable with an aluminium conductor, PE insulation, and an HDPE sheath. It has been developed for fixed installations under increased mechanical stress and is particularly suitable for demanding industrial and energy infrastructure applications.

TECHNICAL DATA

Bending radius (mm)	15/12xD mm	**CPR class**	Fca
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)**	-20 °C
Operating temperature range (°C)	-35-+90 °C	**Rated voltage (kV)**	0.6/1 kV
Self-extinguishing of single cable	no	**Test voltage (kV)**	4 kV

CONFIGURATIONS — 0.6/1 KV

Cores & CS	Cond.	Shape	RI [Ohm/km]	Wi [mm]	Wm [mm]	Rbv [mm]	Ø [mm]	G [kg/km]
1x16	Al	RE	1.91	0.7	1.8	12xD	10	104
1x25	Al	RE	1.2	0.9	1.8	12xD	12	144
1x35	Al	RE	0.868	0.9	1.8	12xD	13	179
1x50	Al	RMV	0.641	1	1.8	12xD	14	232
1x70	Al	RMV	0.443	1.1	1.8	12xD	16	309
1x95	Al	RMV	0.32	1.1	1.8	12xD	18	394
1x120	Al	RMV	0.253	1.2	1.8	12xD	20	479
1x150	Al	RMV	0.206	1.4	1.8	12xD	22	587
1x185	Al	RMV	0.164	1.6	1.8	12xD	24	722
1x240	Al	RMV	0.125	1.7	1.8	12xD	26	908

1x300	Al	RMV	0.1	1.8	1.8	12xD	29	1102
1x400	Al	RMV	0.0078	2	1.9	12xD	32	1398
1x500	Al	RMV	0.065	2.2	2	12xD	36	1763
3x16	Al	RE	1.91	0.7	1.8	12xD	19	454
3x25	Al	RE	1.2	0.9	1.8	12xD	22	634
3x35	Al	RE	0.868	0.9	1.8	12xD	25	788
3x50	Al	SM	0.641	1	1.8	12xD	26	870
3x70	Al	SM	0.443	1.1	1.9	12xD	30	1170
3x95	Al	SM	0.32	1.1	2	12xD	33	1463
3x120	Al	SM	0.253	1.2	2.1	12xD	39	1802
3x150	Al	SM	0.206	1.4	2.3	12xD	41	2184
3x185	Al	SM	0.164	1.6	2.4	12xD	45	2647
3x240	Al	SM	0.125	1.7	2.6	12xD	51	3362
3x35+16	Al	RE	0.868	0.9/0.7	1.8	12xD	25	855
3x70+35	Al	SM	0.268	1.1/0.9	1.9	12xD	32	2828
3x95+50	Al	SM	0.193	1.1/1.0	2.1	12xD	37	3757
3x120+70	Al	SM	0.153	1.2/1.1	2.2	12xD	40	4707
3x150+70	Al	SM	0.124	1.4/1.1	2.3	12xD	45	5675
3x185+95	Al	SM	0.0991	1.6/1.1	2.5	12xD	49	7071
3x240+120	Al	SM	0.0754	1.7/1.2	2.7	12xD	56	9138
4x10	Al	RE	1.83	0.7	1.8	12xD	18	642
4x16	Al	RE	1.15	0.7	1.8	12xD	21	910
4x25	Al	RMV	0.727	0.9	1.8	12xD	25	1391
4x35	Al	RMV	0.524	0.9	1.8	12xD	28	1834
4x50	Al	SM	0.387	1	1.9	12xD	29	2255
4x70	Al	SM	0.268	1.1	2	12xD	33	3158
4x95	Al	SM	0.193	1.1	2.1	12xD	37	4200
4x120	Al	SM	0.153	1.2	2.3	12xD	41	5259
4x150	Al	SM	0.124	1.4	2.4	12xD	46	6439
4x185	Al	SM	0.0991	1.6	2.6	12xD	51	7967
4x240	Al	SM	0.0754	1.7	2.8	12xD	57	10324
5x10	Al	RE	1.83	0.7	1.8	12xD	20	767
5x16	Al	RE	1.15	0.7	1.8	12xD	22	1100
5x25	Al	RMV	0.727	0.9	1.8	12xD	27	1676
5x35	Al	RMV	0.524	0.9	1.8	12xD	31	2266
5x50	Al	SM	0.387	1	2	12xD	33	2877
5x70	Al	SM	0.268	1.1	2.1	12xD	38	3979
5x95	Al	SM	0.193	1.1	2.3	12xD	42	5342
5x120	Al	SM	0.153	1.2	2.4	12xD	47	6625