NA2X2Y

Niederspannungskabel

No image available

TECHNICAL DATA

Bending radius (mm)
15/12xD

Colour of insulation
HD 308 S2

Colour of sheath
black

Conductor
AL

CPR class
Fca

CUScreen
No

Insulation
XLPE

Maximal operating conductor temperature (°C)
90

Maximal short-circuit temperature (°C)
250

Minimal storage temperature (°C)
-35

Minimal temperature for laying (°C)
-20

Operating temperature range (°C)
-35-+90

Packaging
cable drums

Rated voltage (kV)
0.6/1

RoHS/REACH
yes/yes

Self-extinguishing of single cable
no

Sheath
PE

Test voltage (kV)
4

NA2X2Y

CROSS-SECTION DATA — 0.6/1 kV

Voltage	Test voltage	Operating temperature range
0.6/1 kV	4 kV	-35-+90 °C
Conductor temperature (max.)	**Short-circuit temperature (max.)**	**Minimum laying temperature**
90 °C	250 °C	-20 °C
Minimum storage temperature	**CPR class**	**Flame retardant**
-35 °C	Fca	no

Designation	Cond.	DI [mm]	RI [Ohm/km]	Wi [mm]	Wm [mm]	Rbv [mm]	Ø [mm]	G [kg/km]
1x16	Al	~6.4	1.91	0.7	1.8	12xD	10	104
1x25	Al	~8.4	1.2	0.9	1.8	12xD	12	144
1x35	Al	~9.4	0.868	0.9	1.8	12xD	13	179
1x50	Al	~10.4	0.641	1	1.8	12xD	14	232
1x70	Al	~12.4	0.443	1.1	1.8	12xD	16	309
1x95	Al	~14.4	0.32	1.1	1.8	12xD	18	394
1x120	Al	~16.4	0.253	1.2	1.8	12xD	20	479
1x150	Al	~18.4	0.206	1.4	1.8	12xD	22	587
1x185	Al	~20.4	0.164	1.6	1.8	12xD	24	722
1x240	Al	~22.4	0.125	1.7	1.8	12xD	26	908
1x300	Al	~25.4	0.1	1.8	1.8	12xD	29	1102
1x400	Al	~28.2	0.0078	2	1.9	12xD	32	1398
1x500	Al	~32	0.065	2.2	2	12xD	36	1763
3x16	Al	~15.4	1.91	0.7	1.8	12xD	19	454
3x25	Al	~18.4	1.2	0.9	1.8	12xD	22	634
3x35	Al	~21.4	0.868	0.9	1.8	12xD	25	788
3x50	Al	~22.4	0.641	1	1.8	12xD	26	870
3x70	Al	~26.2	0.443	1.1	1.9	12xD	30	1170
3x95	Al	~29	0.32	1.1	2	12xD	33	1463
3x120	Al	~34.8	0.253	1.2	2.1	12xD	39	1802
3x150	Al	~36.4	0.206	1.4	2.3	12xD	41	2184
3x185	Al	~40.2	0.164	1.6	2.4	12xD	45	2647
3x240	Al	~45.8	0.125	1.7	2.6	12xD	51	3362
3x35+16	Al	~21.4	0.868	0.9/0.7	1.8	12xD	25	855
3x70+35	Al	~28.2	0.268	1.1/0.9	1.9	12xD	32	2828

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Designation	Cond.	DI [mm]	RI [Ohm/km]	Wi [mm]	Wm [mm]	Rbv [mm]	Ø [mm]	G [kg/km]
3x95+50	Al	~32.8	0.193	1.1/1.0	2.1	12xD	37	3757
3x120+70	Al	~35.6	0.153	1.2/1.1	2.2	12xD	40	4707
3x150+70	Al	~40.4	0.124	1.4/1.1	2.3	12xD	45	5675
3x185+95	Al	~44	0.0991	1.6/1.1	2.5	12xD	49	7071
3x240+120	Al	~50.6	0.0754	1.7/1.2	2.7	12xD	56	9138
4x10	Al	~14.4	1.83	0.7	1.8	12xD	18	642
4x16	Al	~17.4	1.15	0.7	1.8	12xD	21	910
4x25	Al	~21.4	0.727	0.9	1.8	12xD	25	1391
4x35	Al	~24.4	0.524	0.9	1.8	12xD	28	1834
4x50	Al	~25.2	0.387	1	1.9	12xD	29	2255
4x70	Al	~29	0.268	1.1	2	12xD	33	3158
4x95	Al	~32.8	0.193	1.1	2.1	12xD	37	4200
4x120	Al	~36.4	0.153	1.2	2.3	12xD	41	5259
4x150	Al	~41.2	0.124	1.4	2.4	12xD	46	6439
4x185	Al	~45.8	0.0991	1.6	2.6	12xD	51	7967
4x240	Al	~51.4	0.0754	1.7	2.8	12xD	57	10324
5x10	Al	~16.4	1.83	0.7	1.8	12xD	20	767
5x16	Al	~18.4	1.15	0.7	1.8	12xD	22	1100
5x25	Al	~23.4	0.727	0.9	1.8	12xD	27	1676
5x35	Al	~27.4	0.524	0.9	1.8	12xD	31	2266
5x50	Al	~29	0.387	1	2	12xD	33	2877
5x70	Al	~33.8	0.268	1.1	2.1	12xD	38	3979
5x95	Al	~37.4	0.193	1.1	2.3	12xD	42	5342
5x120	Al	~42.2	0.153	1.2	2.4	12xD	47	6625