NA2XY

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
Eca

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)
-5

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

Packaging
cable drums

Rated voltage (kV)
0.6/1

RoHS/REACH
yes/yes

Self-extinguishing of single cable
IEC 60332-1-2

Sheath
PE

Test voltage (kV)
4

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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	-5 °C
Minimum storage temperature	**CPR class**	**Flame retardant**
-35 °C	Eca	IEC 60332-1-2

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	136
1x25	Al	~8.4	1.2	0.9	1.8	12xD	12	182
1x35	Al	~9.4	0.868	0.9	1.8	12xD	13	222
1x50	Al	~10.4	0.641	1	1.8	12xD	14	275
1x70	Al	~12.4	0.443	1.1	1.8	12xD	16	358
1x95	Al	~14.4	0.32	1.1	1.8	12xD	18	448
1x120	Al	~16.4	0.253	1.2	1.8	12xD	20	538
1x150	Al	~18.4	0.206	1.4	1.8	12xD	22	654
1x185	Al	~20.4	0.164	1.6	1.8	12xD	24	797
1x240	Al	~22.4	0.125	1.7	1.8	12xD	26	991
1x300	Al	~25.4	0.1	1.8	1.8	12xD	29	1194
1x400	Al	~28.2	0.0778	2	1.9	12xD	32	1504
1x500	Al	~32	0.0605	2.2	2	12xD	36	1889
3x16	Al	~15.4	1.91	0.7	1.8	12xD	19	513
3x25	Al	~18.4	1.2	0.9	1.8	12xD	22	703
3x35	Al	~21.4	0.868	0.9	1.8	12xD	25	868
3x50	Al	~22.4	0.641	1	1.8	12xD	26	955
3x70	Al	~26.2	0.443	1.1	1.9	12xD	30	1274
3x95	Al	~29	0.32	1.1	2	12xD	33	1584
3x120	Al	~34.8	0.253	1.2	2.1	12xD	39	1951
3x150	Al	~36.4	0.206	1.4	2.3	12xD	41	2354
3x185	Al	~40.2	0.164	1.6	2.4	12xD	45	2832
3x240	Al	~45.8	0.125	1.7	2.6	12xD	51	3597
3x25+16	Al	~19.4	1.2	0.9/0.7	1.8	12xD	23	770
3x35+16	Al	~21.4	0.868	0.9/0.7	1.8	12xD	25	940

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Designation	Cond.	DI [mm]	RI [Ohm/km]	Wi [mm]	Wm [mm]	Rbv [mm]	Ø [mm]	G [kg/km]
3x50+25	Al	~25.4	0.641	1.0/0.9	1.8	12xD	29	1142
3x70+35	Al	~29.2	0.443	1.1/0.9	1.9	12xD	33	1509
3x95+50	Al	~32.8	0.32	1.1/1.0	2.1	12xD	37	1859
3x120+70	Al	~35.6	0.253	1.2/1.1	2.2	12xD	40	2245
3x150+70	Al	~40.4	0.206	1.4/1.1	2.3	12xD	45	2720
3x185+95	Al	~44	0.164	1.6/1.1	2.5	12xD	49	3310
3x240+120	Al	~50.6	0.125	1.7/1.2	2.7	12xD	56	4202
4x16	Al	~17.4	1.91	0.7	1.8	12xD	21	611
4x25	Al	~20.4	1.2	0.9	1.8	12xD	24	823
4x35	Al	~23.4	0.868	0.9	1.8	12xD	27	1015
4x35	Al	~22.4	0.868	0.9	1.8	12xD	26	960
4x50	Al	~28.2	0.641	1	1.9	12xD	32	1385
4x50	Al	~23.2	0.641	1	1.9	12xD	27	1115
4x50	Al	~25.2	0.641	1	1.9	12xD	29	1192
4x70	Al	~28	0.443	1.1	2	12xD	32	1501
4x95	Al	~30.8	0.32	1.1	2.1	12xD	35	1901
4x95	Al	~32.8	0.32	1.1	2.1	12xD	37	2012
4x120	Al	~34.4	0.253	1.2	2.3	12xD	39	2376
4x150	Al	~38.2	0.206	1.4	2.4	12xD	43	2827
4x150	Al	~41.2	0.206	1.4	2.4	12xD	46	3007
4x185	Al	~42.8	0.164	1.6	2.6	12xD	48	3466
4x240	Al	~48.4	0.125	1.7	2.8	12xD	54	4373
4x240	Al	~51.4	0.125	1.7	2.8	12xD	57	4648
5x16	Al	~19.4	1.91	0.7	1.8	12xD	23	688
5x25	Al	~22.4	1.2	0.9	1.8	12xD	26	955
5x35	Al	~25.4	0.868	0.9	1.8	12xD	29	1181
5x50	Al	~29	0.641	1	2	12xD	33	1543
5x70	Al	~33.8	0.443	1.1	2.1	12xD	38	2030
5x95	Al	~37.4	0.32	1.1	2.3	12xD	42	2604
5x120	Al	~42.2	0.253	1.2	2.4	12xD	47	3159