

NA2XSY

PVC medium voltage cable with aluminium conductor

NA2XSY, VDE, PVC medium voltage cable acc. VDE 0276-620, with aluminium conductor, for fixed installation

Info

3 voltage classes: 6/10 (12) kV, 12/20 (24) kV, 18/30 (36) kV

With aluminium conductor



Application range

Power and control cable for fixed installation in the following applications:

In water, in ground, outdoors and indoors

In cable trays for power stations, industry, and distribution networks

Burial without additional, suitable underground protection according to HD 620/VDE 0276-620 - Part 10-C (point 4): normal minimum installation depth 0.6 m, but at least 0.8 m under roads

Product features

Flame-retardant according IEC 60332-1-2

Current rating according to HD 620/VDE 0276-620, Part 10-C, Table 7 (buried at +20 °C ground temperature according to HD 620/VDE 0276-620, Part 10-C, point 5) for routing underground and Table 8 (in the air at an air temperature of +30 °C according to HD 620/VDE 0276-620, Part 10-C, point 5) when used outdoors; but always taking into consideration corrections/reductions to the current rating that may be necessary according to VDE 0298-4, and VDE 0298-4 (also refer to the catalogue appendix T12) for installation in and on buildings

Norm references / Approvals

HD 620/ VDE 0276-620

Product Make-up

Aluminium conductor

Abbreviation "rm":

r = round conductor form;

m = multi-wire conductor

Core insulation: Cross-linked Polyethylen (XLPE)

Screen made of copper wires with one or two copper bond counter spiral

Outer sheath: PVC, red

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Product Management www.lappkabel.de

You can find the current technical data in the corresponding data sheet.

PN 0456 / 02_03.16

NA2XSY

Technical Data

Classification ETIM 5:	ETIM 5.0 Class-ID: EC001140 ETIM 5.0 Class-Description: Medium voltage power cable
Classification ETIM 6:	ETIM 6.0 Class-ID: EC001140 ETIM 6.0 Class-Description: Medium voltage power cable
Conductor stranding:	Multi-wire
Minimum bending radius:	Fixed installation: 15 x outer diameter
Nominal voltage:	U ₀ /U: 6/10 (12) kV, 12/20 (24) kV, 18/30 (36) kV
Test voltage:	Depending on nominal voltage: 6/10 kV: 15 kV 12/20 kV: 30 kV 18/30 kV: 45 kV
Temperature range:	During installation: -5 °C to +50 °C Fixed installation: -40 °C to +90 °C

Note

Unless specified otherwise, the shown product values are nominal values. Detailed values (e.g. tolerances) are available upon request.

Aluminium price basis: excludes aluminium. Refer to catalogue appendix T17 for the application and definition of "Metal price basis" and "Metal index".

Please find our standard lengths at: www.lappkabel.de/en/cable-standardlengths

* Trade product, no Lapp product

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Prices are net prices without VAT and surcharges. Sale to business customers only.

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Article number	Number of cores and mm ² per conductor	Outer diameter [mm]	Copper index (kg/km)	Weight (kg/km)
6/10 (12) kV				
38107855	1x50 RM/16	25	182	719
38107856	1x70 RM/16	26	182	810
38107857	1x70 RM/35	27	394	1000
38107858	1x95 RM/16	28	182	921
38107859	1x120 RM/16	30	182	1022
38107860	1x150 RM/25	31	283	1209
38107861	1x185 RM/25	33	283	1351
38107862	1x240 RM/25	35	283	1561
38107863	1x300 RM/25	37	283	1771
3038844	1X400 RM/35	40	394	2184
38107864	1x500 RM/35	43	394	2517
12/20 (24) kV				
38107865	1x50 RM/16	29	182	889
38107866	1x70 RM/16	31	182	988
38107867	1x95 RM/16	32	182	1109
38107868	1x120 RM/16	34	182	1220
38107869	1x150 RM/25	35	283	1414
38802239	1X185 RM/25	37	283	1567
38107870	1x240 RM/25	39	283	1791
38107871	1x300 RM/25	41	283	2014
38107872	1x400 RM/35	44	394	2412
38107873	1x500 RM/35	47	394	2798
18/30 (36) kV				
38107874	1x50 RM/16	34	182	1124
38107875	1x70 RM/16	36	182	1234
38107876	1x70 RM/25	36	283	1300
38107877	1x95 RM/16	37	182	1367
38107878	1x120 RM/16	39	182	1488
38107879	1x150 RM/25	40	283	1692
38107880	1x185 RM/25	42	283	1858
38107881	1x240 RM/25	44	283	2099
38107882	1x300 RM/25	46	283	2339
38107883	1x400 RM/35	49	394	2758

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Article number	Number of cores and mm ² per conductor	Outer diameter [mm]	Copper index (kg/km)	Weight (kg/km)
38107884	1x500 RM/35	52	394	3189
38107885	1x630 RM/35	56	394	3724

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