

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

Last Update (24.04.2024)

©2024 Lapp Group - Technical changes reserved

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

Photographs and graphics are not to scale and do not represent detailed images of the respective products.

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

NA2XSY

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

NA2XSY

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