

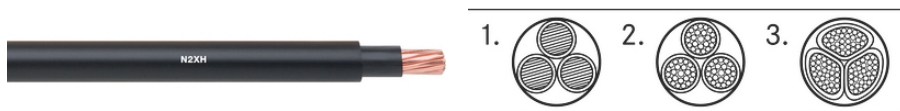
N2XH

Halogen-free power cable with rated voltage 0,6/1 kV for fixed installation

N2XH - Halogen-free power cable acc. HD 604/VDE 0276-604. Building installation cable with improved fire characteristics for fixed installation

Info

CPR: Article number choice under www.lappkabel.com/cpr



Flame-retardant



Halogen-free

Application range

For installation on or under the plaster

Fixed installation indoor, in air or concrete

For buildings or industrial plants with a high density of people or valuable assets

No direct burial or installation in water

Outdoor laying only when protected from direct sunlight and other external impacts

Product features

Flame-retardant according to IEC 60332-1-2

No flame-propagation according to IEC 60332-3-24

Halogen-free according to IEC 60754-1

(amount of halogen acid gas)

Corrosiveness of combustion gases according to IEC 60754-2 (degree of acidity)

Low smoke density according to IEC 61034-2

Norm references / Approvals

HD 604/VDE 0276-604

Last Update (25.04.2024)

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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

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Product Make-up

Bare copper wire conductor

Abbreviations "re", "rm", "se", "sm":

r = round conductor form;

s = sectorial conductor form;

e = single-wire conductor;

m = multi-wire conductor;

Core insulation: Cross-linked Polyethylen (XLPE)

Filling compound over the core assembly

Outer sheath: halogen-free, thermoplastic polyolefin compound

Technical Data

Classification ETIM 5:	ETIM 5.0 Class-ID: EC000057 ETIM 5.0 Class-Description: Low voltage power cable
Classification ETIM 6:	ETIM 6.0 Class-ID: EC000057 ETIM 6.0 Class-Description: Low voltage power cable
Core identification code:	Up to 5 cores: colour-coded according to VDE 0293-308, refer to Appendix T9 From 6 cores: black with white numbers
Conductor stranding:	Single or multi-wire
Minimum bending radius:	Single-core: 15 x outer diameter Multi-core: 12 x outer diameter
Nominal voltage:	U0/U: 0.6/1.0 kV
Test voltage:	4000 V
Protective conductor:	J = with GN-YE protective conductor O = without protective conductor
Temperature range:	During installation: -5 °C bis +90 °C Fixed installation: -40 °C bis +90 °C

Note

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

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

Packaging size: coil ≤ 30 kg or ≤ 250 m, otherwise drum

Please specify the preferred type of packaging (e.g. 1 x 500 m drum or 5 x 100 m coils).

* 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.

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Article number	Number of cores and mm ² per conductor	Outer diameter [mm]	Copper index (kg/km)	Weight (kg/km)
30017648	1x25 RM	10.8	240	305.2
30017649	1x35 RM	12.0	336	401.6
30017650	1x50 RM	13.3	480	525.9
30017651	1x70 RM	15.0	672	728.7
30017652	1x95 RM	17.0	912	1,001.6
30017653	1x120 RM	18.6	1152	1,225.8
3017601	1x150 RM	20.5	1440	1,477.7
3017602	1x185 RM	23.1	1776	1,878.2
3017603	1x240 RM	25.4	2304	2,432.9
1112935	1x300 RM	28.1	2880	2,965.7
30017654	2x1,5 RE	9.1	29	113.5
30017655	2x2,5 RE	10.0	48	177.4
1112942	1x50 RM	13.3	480	525.8
1112943	1x70 RM	15.0	672	728.6
1112944	1x95 RM	17.0	912	1,001.4
1112945	1x120 RM	18.7	1152	1,225.3
1112946	1x150 RM	20.4	1440	1477
1112947	1x185 RM	22.8	1776	1,877.8
30017659	3x1,5 RE	9.6	43	141.1
30017660	3x2,5 RE	10.5	72	181.6
30017661	3x4 RE	11.4	115	228
30017662	3x6 RE	12.5	173	299.5
30017663	3x10 RE	14.3	288	454.3
30017671	4x1,5 RE	10.3	58	154.5
30017672	4x2,5 RE	11.2	96	203.5
30017673	4x4 RE	12.4	154	277.2
30017674	4x6 RE	13.6	230	366.2
30017675	4x10 RE	15.7	384	573.7
30017677	4x25 RM	22.9	960	1,296.9
30017683	5x1,5 RE	11.1	72	193.3
30017684	5x2,5 RE	12.1	120	251.9
30017685	5x4 RE	13.5	192	343.6
30017686	5x6 RE	14.8	288	450.5
30017687	5x10 RE	17.1	480	684.9

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Article number	Number of cores and mm ² per conductor	Outer diameter [mm]	Copper index (kg/km)	Weight (kg/km)
30017689	5x25 RM	25.1	1200	1,611.4
1550633	5x35 RM	28.5	1680	2,109.7
30017690	7x1,5 RE	11.9	101	232.2
30017693	12x1,5 RE	15.4	173	367.3
3017621	30x1,5 RE	22.0	432	741.9
3017622	30x2,5 RE	24.9	720	1,085.5