

NHXMH

Halogen-free; for plaster, bricks, concrete; at high density of people and valuable assets

NHXMH, halogen-free house wiring cable with improved fire characteristics, for installation on or under the plaster, in bricks and concrete, +70 °C

Info

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

Halogen-free alternative to the PVC installation cable NYM



Flame-retardant



Halogen-free

Application range

For installation on or under the plaster

In bricks and concrete, except direct embedding in vibrated or compressed concrete

In dry, damp or wet interiors

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

Product features

Due to the use of halogen-free materials, the formation of toxic dioxins and furanes is considerably reduced in the event of a fire
Minimizes damages to buildings and equipments that are caused by acidic fumes produced during combustion

Flame-retardant according IEC 60332-1-2

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

Norm references / Approvals

VDE 0250 part 214

Product Make-up

Bare copper wire conductor

Last Update (17.12.2024)

©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

NHXMH

Core insulation: PE
Filling compound over the core assembly
Outer sheath: halogen-free polymer

Technical Data

| | |
|---------------------------|---|
| Classification ETIM 5: | ETIM 5.0 Class-ID: EC000043 ETIM 5.0 Class-Description: House wiring cable |
| Classification ETIM 6: | ETIM 6.0 Class-ID: EC000043 ETIM 6.0 Class-Description: House wiring 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: | Fixed installation: 4 x outer diameter |
| Nominal voltage: | U0/U: 300/500 V |
| Test voltage: | 2000 V |
| Protective conductor: | G = with GN-YE protective conductor X = without protective conductor |
| Temperature range: | Maximum conductor temperature: +70 °C |

Note

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

Copper price basis: EUR 150/100 kg. Refer to catalogue appendix T17 for the definition and calculation of copper-related surcharges.

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.

NHXMH

| Article number | Number of cores and mm ² per conductor | Outer diameter [mm] | Copper index (kg/km) | Weight (kg/km) |
|----------------|---|---------------------|----------------------|----------------|
| 16020003 | 3 G 1,5 | 8.5 | 43 | 120 |
| 16020013 | 4 G 1,5 | 9.3 | 58 | 145 |
| 16020023 | 5 G 1,5 | 10 | 72 | 170 |
| 1602003 | 7 G 1,5 | 10.8 | 101 | 210 |
| 16020103 | 3 G 2,5 | 9.4 | 72 | 160 |
| 16020123 | 5 G 2,5 | 11 | 120 | 230 |