

1600000	DATA SHEET	
valid from: 2026-06-16	NYM	

Application

NYM are single or multicore PVC sheathed cables intended for fixed installation over, on, in and under the plastering in dry, damp and wet locations as well as in masonry and concrete, except direct embedding in vibrated or compressed concrete. They are suitable for outdoor use if protected against direct sunlight.

Design

Design	acc. to VDE 0250-204
Certification	The cable is marked with the <VDE>-sign or VDE-identification thread. Classification of fire behaviour according to EN 13501-6 and EN 50575 (article/dimension range see www.lappkabel.com/cpr)
Conductor	up to 10 mm ² : single-wire copper conductor acc. to IEC 60228 resp. EN IEC 60228, Class 1 from 16 mm ² : multi-wire copper conductor acc. to IEC 60228 resp. EN IEC 60228, Class 2
Insulation	PVC compound type TI1 acc. to VDE 0281-1
Core identification code	up to 5 cores: colour-coded acc. VDE 0293-308 with resp. without GN-YE protective conductor from 6 cores: black cores with white numbers acc. EN 50334 Coating: filling compound over the core assembly
Outer sheath	PVC compound type TM1 acc. to VDE 0281-1 colour: grey

Electrical properties at 20 °C

Nominal voltage	U ₀ /U: 300/500 V
Test voltage	2000 V AC

Mechanical and thermal properties

Minimum bending radius	fixed installation: 4 x outer diameter
Temperature range	during installation: +5 °C to +60 °C fixed installation: -40 °C to +70 °C at conductor: max. +70 °C
Flammability	flame retardant acc. to IEC 60332-1-2 resp. EN 60332-1-2

General requirements	These cables are conform to the EU-Directive 2014/35/EU (Low Voltage Directive) These cables (see www.lappkabel.com/cpr) are classified in accordance with the EU-Regulation no. 305/2011 (CPR).
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Environmental information	These cables meet the substance-specific requirements of the EU Directive 2011/65/EU (RoHS).
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Note	Trade product, no LAPP product
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