

NYCY

Fixed installation, direct burial; PVC cable with concentric, helical copper conductor and cross-conductive spiral

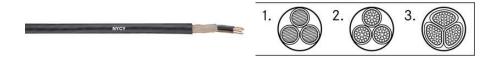
NYCY, <

VDE>

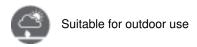
, PVC power cable acc. HD603 / VDE 0276-603, direct burial and fixed installation, building installation with concentric, helical copper conductor

Info

CPR: Article number choice under www.lappkabel.com/cpr With concentric, helical copper conductor







Benefits

Concentric conductor above all as PE

Application range

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

For indoor and outdoor use

Burial without additional, suitable underground protection according to VDE standard HD 603/VDE 0276-603 - Part 3-G (point 4) governing PVC cables for direct burial: normal minimum installation depth 0.6 m, but at least 0.8 m under roads In concrete with a temperature below the maximum cable operating temperature of +70 °C according to the VDE standard HD 603/VDE 0276-603 - Part 3-G (point 4) governing PVC cables for direct burial

Product features

Flame-retardant according IEC 60332-1-2

Current rating according to HD 603/VDE 0276-603, Part 3-G, Table 14 (buried at +20 °C ground temperature according to HD 603/VDE 0276-603, Part 3-G, point 5) for routing underground and Table 15 (in the air at an air temperature of +30 °C according to HD 603/VDE 0276-603, Part 3-G, 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

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NYCY

Norm references / Approvals

HD 603/VDE 0276-603 for NYCY with 3 or 4 cores and the relevant additional concentric protective conductor HD 627/VDE 0276-627 for NYCY as from 7 cores and with the additional, concentric protective conductor

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: Based on PVC

Filling compound over the core assembly

Concentric, helical, outer conductor made of bare copper strands with inductance-reducing, cross-conductive copper bond

counter spiral

Outer sheath: Based on PVC

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

Single or multi-wire Conductor stranding:

Minimum bending radius: Fixed installation: 12 x outer diameter

Nominal voltage: U0/U: 0.6/1.0 kV

Test voltage: 4000 V

During installation: -5°C to +50°C Temperature range:

Fixed installation: -40°C to +70°C

Note

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

Copper price basis: excluding copper. 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).

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)	
15503003	2 x 1,5re/1,5	14	52	245	
15503103	3 x 1,5re/1,5	14	66	280	
15503203	4 x 1,5re/1,5	15	81	302	
1550330	7 x 1,5re/2,5	17	133	450	
1550332	12 x 1,5re/2,5	20	205	580	
1550337	24 x 1,5re/6	26	413	1100	
15503113	3 x 2,5re/2,5	15	104	316	
15503213	4 x 2,5re/2,5	16	128	360	
1550350	7 x 2,5re/2,5	18	200	530	
1550355	16 x 2,5re/6	23	451	950	
15503223	4 x 4re/4	18	200	485	
15503233	4 x 6re/6	19	297	616	

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