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| 1550030 | DATA SHEET |  |
| valid from: 2024-02-16 | NY Y | |

Application

NY Y are cables with an insulation and an outer sheathing of PVC. They are used for fixed installation in dry or damp rooms as well as outdoors, underground and under water. Multicore cables have a common core covering over the twisted cores or a filler.

"O": without protective conductor GN/YE

"J": with protective conductor GN/YE

Design

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| Design | acc. to VDE 0276-603 rep. HD 603 (for 1 to 5 cores) VDE 0276-627 resp. HD 627 (starting at 7 cores) |
| Certification | Classification of fire behaviour according to EN 13501-6 and EN 50575 (article/dimension range see www.lappkabel.com/cpr) |
| Conductor | round (R) or sectorial (S), single- (E) or multi-wire (M), RE conductor: strands of copper acc. to IEC 60228 resp. EN 60228, class 1 RM conductor: strands of copper acc. to IEC 60228 resp. EN 60228, class 2 SM conductor: strands of copper acc. to DIN VDE 0276-603 |
| Insulation | PVC compound DIV4 acc. to VDE 0276-603 |
| Core identification code | up to 5 cores: colour coded acc. to VDE 0293-308 from 6 cores: black with white numbers |
| Outer sheath | PVC compound DMV5 acc. to VDE 0276-603 colour: black |

Electrical properties at 20 °C

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| Nominal voltage | U_0/U : 600/1000 V max. 1.8 kV (DC voltage core-ground) |
| Test voltage | 4000 V AC |

Mechanical and thermal properties

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| Minimum bending radius | single core: 15 x outer diameter multi core: 12 x outer diameter |
| Temperature range | during installation: -5 °C up to +50 °C max. conductor temperature fixed installation: -40 °C up to +70 °C max. conductor temperature |
| Flammability | flame retardant acc. to IEC 60332-1-2 resp. EN 60332-1-2 |
| Weather and UV resistance | acc. to EN 50525-1 cable with black sheath are suitable for permanent outdoor use. |

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| General requirements | These cables 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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