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| 1591300 | DATA SHEET |  |
| valid from: 2021-09-01 | J-Y(ST)Y...LG Indoor Cable | |

Application

J-Y(ST)Y...LG Indoor Cable is a Connection cable for use in electronics and in measurement, control and signal applications.

In news and communication applications, the following connections can be installed:

telephone, telefax, telex, standard modems for postal services; burglar and fire alarm systems (cf. fire alarm cables); communication and paging systems; access control, time and data control systems.

The cable can be used in dry and wet interiors for fixed installation on and under plaster.

Design

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| Design | acc. to DIN VDE 0815, Table 4 Type J-Y(ST)Y...LG |
| Certification | Classification of fire behaviour according to EN 13501-6 and EN 50575 (article/dimension range see www.lappkabel.com/cpr) |
| Outer sheath | Colour of the sheath: pebble grey (similar RAL 7032) |

Electrical properties at 20 °C

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| Loop resistance | 0.6 mm: max. 130 Ω/km 0.8 mm: max. 73.2 Ω/km |
| Insulation resistance | min. 100 MΩ/km |
| Mutual capacitance | max. 100 nF/km (at 800 Hz) |
| Inductance | ca. 0.65 mH/km |
| Capacitive coupling | max. 300 pF/100 m (at 800 Hz) |
| Maximum operating voltage | 300 V (not for power applications) Must not be connected to the mains supply voltage. |
| Test voltage | C/C: 800 V C/S: 800 V |

Mechanical and thermal properties

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| Minimum bending radius | fixed installation: 10 x outer diameter |
| Temperature range | occasional flexing: -5 °C up to +50 °C max. conductor temperature fixed installation: -30 °C up to +70 °C max. conductor temperature |
| Flammability | flame retardant acc. to EN 60332-1-2 resp. IEC 60332-1-2 |

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| Tests | acc. to DIN VDE 0815, Type J-Y(ST)Y...LG Electrical properties acc. to table 10 Tests at the cable acc. to table 21 |
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| General requirements | These cables are conform to EU-Directive 2014/35/EU (Low Voltage Directive) and to EU-Directive 2011/65/EU (RoHS, Restriction of the use of certain hazardous substances). 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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AbN
automation

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