1591300	DATA SHEET	LAPP
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

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

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

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
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
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).
Environmental information	These cables meet the substance-specific requirements of the EU Directive 2011/65/EU (RoHS).
Note	Trade product, no Lapp product

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