

DATASHEET

J-Y(ST)Y...LG Indoor Cable

1591511

14.11.2013

Installation cable in accordance with DIN VDE 0815

Indoor telephone cables transmit analogue or digital signals

Aluminium-laminated plastic foil static screen with tin-plated drain wire minimises the interference of high frequency, electromagnetic fields

Decoupling of circuits by means of twisted-pair (TP) design (crosstalk effects)



Interference signals

Application range

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

Can be used in dry and wet interiors for fixed installation on and under plaster

Design

Solid bare copper conductor

Core insulation made of PVC

Cores twisted in pairs, pairs twisted together, foil wrapping over cable core, static screen made of aluminium-laminated plastic film with copper drain wire

Outer sheath made of PVC Outer sheath colour: pebble grey (RAL 7032)

Norm references / Approvals

In accordance with DIN VDE 0815 type J-Y(ST)Y...LG

Product features

The 2-paired versions = star quad cable design

Flame-retardant according IEC 60332-1-2

Remark

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

Copper price basis: EUR 100/100kg. 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 \leq 30 kg or \leq 250 m, otherwise drum

Photographs are not to scale and do not represent detailed images of the respective products.

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Technical Data

Number of double cores:	20
Outer diameter (mm):	16.5
Copper index (kg/km):	204
Weight (kg/km):	380
Core identification code:	according to VDE 0815, refer to Appendix T10
Peak operating voltage:	(not for power applications) 300 V
Insulation resistance:	> 100 MOhm x km
Coupling:	(800 Hz): K1: 80% ≤ 300 pF/100m
Conductor cross-section in:	0.6 mm: 0.28 mm ² 0.8 mm: 0.50 mm ²
Cable attenuation/attenuation:	0.6 mm: 1.7 dB/km 0.8 mm: 1.1 dB/km
Minimum bending radius:	Fixed installation: 10 x outer diameter
Test voltage:	Core/core: 800 V Core/screen: 800 V
Loop resistance:	0.6 mm: max. 130 ohm/km 0.8 mm: max. 73.2 ohm/km
Temperature range:	Occasional flexing: -5 °C to +50 °C Fixed installation: -30 °C to +70 °C