	DATASHEET	
	J-Y(ST)Y...LG Indoor Cable	**1591308** **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)



RoHS

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 PVCOuter sheath colour: pebble grey (RAL 7032)

Norm references / Approvals

In accordance with DIN VDE 0815type 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 ≤ 30 kg or ≤ 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:	12
Outer diameter (mm):	9.5
Copper index (kg/km):	71
Weight (kg/km):	130
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 mm² 0.8 mm: 0.50 mm²
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

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