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

Installation cable in accordance with DIN VDE 0815

J-Y(ST)Y...LG indoor installation cable for telecommunication/ information processing, solid conductor/ stationary use, layered stranding, static foil, VDE 0815



Interference signals

Benefits

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)

Application range

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

Product features

The 2-paired versions = star quad cable design
Flame-retardant according IEC 60332-1-2

Norm references / Approvals

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

Product Make-up

Solid bare copper conductor

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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: grey (similar to pebble grey/ RAL 7032)

Technical Data

Classification ETIM 5:	ETIM 5.0 Class-ID: EC000829 ETIM 5.0 Class-Description: Signal-/telecommunications cable
Classification ETIM 6:	ETIM 6.0 Class-ID: EC000829 ETIM 6.0 Class-Description: Signal-/telecommunications cable
Core identification code:	according to VDE 0815, refer to Appendix T10
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

Note

Unless specified otherwise, the shown product values are nominal values. Detailed values (e.g. tolerances) are available upon request.
Copper price basis: EUR 100/100 kg. 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
* Trade product, no Lapp product
Photographs and graphics are not to scale and do not represent detailed images of the respective products.
Prices are net prices without VAT and surcharges. Sale to business customers only.

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PRODUCT INFORMATION

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Article number	Number of double cores	Outer diameter [mm]	Copper index [kg/km]	Weight [kg/km]
J-Y(ST)Y...LG copper conductor 0.6 mm				
1591301	2	5.5	13	40
1591302	3	6.3	18	50
1591303	4	6.7	24	60
1591304	5	7.2	30	70
1591305	6	7.5	35	80
1591306	8	8	46	90
1591307	10	9	58	110
1591308	12	9.5	71	130
1591310	16	10.5	93	160
1591311	20	11	116	190
1591312	24	11.5	139	220
1591313	30	13	172	280
1591315	50	17	286	430
1591318	100	23	568	850
J-Y(ST)Y...LG copper conductor 0.8 mm				
1591500	1	6	11	40
1591501	2	7	21	60
1591502	3	8.5	31	80
1591503	4	9	41	100
1591505	6	10.5	62	140
1591506	8	11.5	82	170
1591507	10	13	102	220
1591508	12	14	123	250
1591511	20	16.5	204	380

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