



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

Installation cable in accordance with DIN VDE 0815



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
- 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)

Technical data



Classification

ETIM 5.0 Class-ID: EC000829
ETIM 5.0 Class-Description:
Signal-/telecommunications cable



Core identification code

according to VDE 0815,
refer to Appendix T10



Peak operating voltage

(not for power applications)
300 V



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

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

Article number	Number of double cores	Outer diameter (mm)	Copper index (kg/km)	Weight (kg/km)
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

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

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

Similar products

- J-2Y(ST)Y...ST III BD refer to page 318

Accessories

- UNIVERSAL STRIP stripping tool refer to page 1006
- STAR STRIP stripping tool refer to page 1000