

Product Description

Indoor telephone cables transmit analogue or digital signals



Application range

- In news and communication technology, the following connections can be installed: telephone, telefax, telex as well as standard modems of 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

Benefits

- Indoor telephone cables transmit analogue or digital signals

Design

- In accordance with VDE 0815
- Solid bare copper conductor Core insulation: Based on PVC
- cores are twisted in pairs, foil wrapping, static aluminium laminated plastic foil with copper drain wire over cable core, PVC-based outer sheath
- Variant with 2 double cores twisted as star quad
- Colour: pebble grey (RAL 7032)

Product features

- Flame retardant according to IEC 60332-1-2



Technical Data

Peak working voltage

(not for power applications) 300 V

Insulation resistance

> 100MΩ x km

Coupling

(800 Hz): K1: 80%

Minimum bending radius

10 x outer diameter

Test voltage

C/C: 800 V

C/S 800 V

Loop resistance

0.6 mm: max. 130 Ω/km

0.8 mm: max. 73.2 Ω/km

Range of temperature

Fixed installation: -30°C up to +70°C

Use/application

For stationary installation on or under plaster in dry and damp interiors

Article List

Part number	Number of double cores	Outer diameter in mm	Copper index kg/km	Weight kg/km
J-Y(ST)Y...LG Copper conductor 0.6 mm				
1591300	1	5.0	6.9	30
1591301	2	5.5	13.0	40
1591302	3	6.3	18.0	50
1591303	4	6.7	24.0	60
1591304	5	7.2	30.0	70
1591305	6	7.5	35.0	80
1591306	8	8.0	46.0	90
1591307	10	9.0	58.0	110
1591308	12	9.5	71.0	130
1591310	16	10.5	93.0	160
1591311	20	11.0	116.0	190
1591312	24	11.5	139.0	220
1591313	30	13.0	172.0	280
1591314	40	15.0	229.0	350
1591315	50	17.0	286.0	430
1591316	60	18.0	342.0	500
1591318	100	23.0	568.0	850
J-Y(ST)Y...LG Copper conductor 0.8 mm				

1591500	1	6.0	11.0	40
1591501	2	7.0	21.0	60
1591502	3	8.5	31.0	80
1591503	4	9.0	41.0	100
1591504	5	9.5	52.0	120
1591505	6	10.5	62.0	140
1591506	8	11.5	82.0	170
1591507	10	13.0	102.0	220
1591508	12	14.0	123.0	250
1591510	16	15.5	164.0	320
1591511	20	16.5	204.0	380
1591512	24	19.0	244.0	460
1591513	30	20.0	304.0	560
1591514	40	22.5	405.0	710

Footnote:

All product related values as shown are nominal values unless specified differently. Further values, e.g. tolerances we submit on request - if available and released for publication.

Copper price basis: EUR 100 / 100 kg; For utilization and definition of 'Metal price basis' and 'Metal index' see Appendix T17

Please find our standard lengths at: www.lappkabel.de/en/cable-standardlengths

Packaging size: Coil \leq 30 kg and \leq 250 m, otherwise drum

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