

Product Description

Data transmission cables for industrial electronics; Can be used for MAXI-TERMI-POINT® wiring



Application range

- JE-LiYCY...BD is a connection cable for use in electronics and in measurement, control and signal technology
- This cable is also used as a pulse and data transmission cable
- JE-LiYCY...BD has also proved to be an efficient connection cable for telephone systems, for example paging and intercom systems.
- In static systems on and under plaster in dry and wet interiors. Outdoor use only under plaster.

Benefits

- Data transmission cables for industrial electronics
- Can be used for MAXI-TERMI-POINT® wiring

Design

- Bare stranded copper conductor
- Core insulation: Based on PVC
- 2 cores twisted into a pair and 4 pairs into units (for 2 x 2 x 0.5 as star quad cable)
- Units twisted in layers, foil, screen braiding of tinned copper wire
- PVC blended outer sheath

Product features

- Flame retardant according to IEC 60332-1-2
- Colour: pebble grey (RAL 7032)



Technical Data

Core identification code

In accordance with VDE 0815, see T 10

Approvals

VDE 0815

Mutual capacitance

max. 100 nF/km

Peak working voltage

(not for power applications) 225 V

Inductivity

approx. 0.65 mH/km

Insulation resistance

> 100MΩ x km

Conductor stranding

Multi wire, 7 x 0.3 see table T11

Minimum bending radius

In fixed installations: 5 x cable diameter

Test voltage

C/C: 500 V

Core/screen: 2000 V

Loop resistance

78.4 Ω/km

Range of temperature

Fixed installation: -30°C up to +70°C

Flexible application: -5°C up to +50°C

Article List

Part number	Number of pairs and conductor cross-section/ mm ²	Outer diameter in mm	Copper index kg/km	Weight kg/km
JE-LiYCY...BD				
0034200	2 x 2 x 0,5	7.5	51.0	70
0034201	4 x 2 x 0,5	10.0	87.0	155
0034202	8 x 2 x 0,5	13.0	144.0	260
0034208	12 x 2 x 0,5	15.5	195.0	340
0034203	16 x 2 x 0,5	17.0	249.0	430
0034210	20 x 2 x 0,5	18.5	298.0	495
0034204	24 x 2 x 0,5	20.5	348.0	605
0034212	32 x 2 x 0,5	22.5	441.0	738

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 150 / 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 ≤ 30 kg and ≤ 250 m, otherwise drum

Please specify the desired packaging size (e.g. 1 x 500 m drum or 5 x 100 m coils)

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