JE-LiYCY...BD

Screened data transmission cable for industrial electronics

JE-LiYCY...BD - installation cable for industrial electronics, VDE 0815, 7-wire conductor, bundle laying, screened, PVC

Info
In accordance with DIN VDE 0815

Interference signals

Benefits
Overall braid minimises electrical interference
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
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, e.g. paging and intercom systems.
For fixed installation on and under plaster, in dry and damp rooms

Product features
The 2-pair version (2 x 2 x 0.5) is twisted into a star quad
Flame-retardant according IEC 60332-1-2
JE-LiYCY...BD EB:
For intrinsically safe circuits (type of protection i - intrinsic safety) according to IEC 60079-14:2013 / EN 60079-14:2014 / VDE 0165-1:2014, section 16.2.2

Norm references / Approvals
In accordance with DIN VDE 0815
type JE-LiYCY...BD

Last Update (24.04.2024)

Product Management www.lappkabel.de
You can find the current technical data in the corresponding data sheet.
PN 0456 / 02_03.16

JE-LiYCY...BD

Product Make-up

7-wire bare stranded copper conductor
Core insulation made of PVC
2 cores twisted into a pair, and 4 pairs into units/ bundles (for 2 x 2 x 0.5 as star quad cable)
Bundles twisted in layers,
foil wrapping,
screening braid made of tinned copper wires
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
Mutual capacitance:	max. 100 nF/km
Coupling:	approx. 200 pF/100 m
Inductivity:	approx. 0.65 mH/km
Conductor stranding:	Multi-wire, 7 x 0.3mm
Minimum bending radius:	Occasional flexing: 15 x outer diameter Fixed installation: 5 x outer diameter
Test voltage:	Core/core: 500 V Core/screen: 2000 V
Loop resistance:	max. 78.4 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 150/100 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
Please specify the preferred type of packaging (e.g. 1 x 500 m drum or 5 x 100 m coils).
* 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.

LAPP

JE-LiYCY...BD

PRODUCT INFORMATION

Article number	Number of pairs and conductor cross section (mm^2)	Outer diameter [mm]	Copper index (kg/km)	Weight (kg/km)
JE-LiYCY...BD				
0034200	2 x 2 x 0.5	6.6	51	70
0034201	4 x 2 x 0.5	8.5	87	155
0034202	8 x 2 x 0.5	11.7	144	260
0034208	12 x 2 x 0.5	12.8	195	340
0034203	16 x 2 x 0.5	13.9	249	430
0034210	20 x 2 x 0.5	15.1	298	495
0034204	24 x 2 x 0.5	16.4	348	605
0034212	32 x 2 x 0.5	21	441	738

Last Update (24.04.2024)

Product Management www.lappkabel.de
You can find the current technical data in the corresponding data sheet.
PN 0456 / 02_03.16