

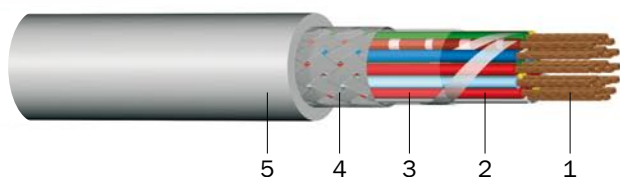
# JE-LiYCY...Bd

## Control cable for industrial electronics

Standard: DIN VDE 0815

### Application:

Intended for use in electronic control devices. Preferably for indoor use but also suitable for fixed installation on the outside of building walls. Not allowed for power and underground installations.



### Construction:

- 1 Copper conductor, fine wire
- 2 Insulation (PVC), cores stranded to pairs, pairs stranded in groups
- 3 Taping (plastic tape)
- 4 Braided wire screen (tinned copper wires)
- 5 Sheath (PVC, grey RAL 7001)



**Operating voltage:** max. 225 Vss



**Test voltage:** A/A 500 Veff  
A/S 2000 Veff



**Temperature range:**  
During installation: min. -5 °C  
Operating temperature: fixed -30 °C to +70 °C  
moved -5 °C to +50 °C  
Conductor temperature: max. +70 °C



**Bending radius (min.):** 7.5 x Ø of the cable



**Core identification:** DIN VDE 0815  
(BdSi, Bdz)



**Certification mark:** VDE Germany

### Electrical data

Nominal conductor cross section	(mm <sup>2</sup> )	0.5
Loop resistance max. at 20 °C	(Ω/km)	78.4
Insulation resistance min. at 20 °C	(MΩ.km)	100
Mutual capacitance max. at 800 Hz	(nF/km)	100
Capacitance imbalance K max. at 800 Hz	(pF/100 m)	200

Number of pairs x nominal cross section (mm <sup>2</sup> )	Outer diameter (mm) appr.	Cu-value (kg/km)	Total weight (kg/km) appr.	Standard lengths/packing (m)	Price (EUR/km)
<b>JE-LiYCY...Bd</b>					
2 x 2 x 0.5	7.0	51	85	500 T, 1000 T	<b>2,567.02</b>
4 x 2 x 0.5	9.5	87	145	500 T, 1000 T	<b>3,853.27</b>
8 x 2 x 0.5	13.0	144	235	500 T, 1000 T	<b>6,008.02</b>
12 x 2 x 0.5	15.5	196	325	500 T, 1000 T	<b>7,667.85</b>
16 x 2 x 0.5	18.0	249	400	500 T, 1000 T	<b>9,059.47</b>
20 x 2 x 0.5	20.0	299	480	500 T, 1000 T	<b>10,664.07</b>
24 x 2 x 0.5	21.0	348	570	500 T, 1000 T	<b>12,074.57</b>
32 x 2 x 0.5	23.5	444	690	500 T, 1000 T	<b>14,837.19</b>
40 x 2 x 0.5	27.0	537	865	500 T, 1000 T	20,367.01

Subject to technical changes. All figures are therefore without guarantee.