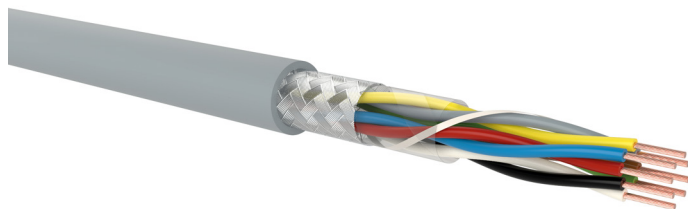


JE-LiYCY...Bd

Control cable for industrial electronics, screened

DESIGN



- 1 | Copper conductor, fine wire
- 2 | Core insulation (PVC), cores stranded to pairs, pairs stranded in groups
- 3 | Taping (plastic foil)
- 4 | Screen (braided screen, tinned copper wires)
- 5 | Sheath (PVC grey RAL 7001)

APPLICATION

In the electronics of measuring and control devices for the transmission of signals in the range of milliamperes, protected against crosstalks between the circuits and against external electrical influences.

TECHNICAL DATA



Standard:
DIN VDE 0815



Operating voltage:
max. 225 V_{ss}



Test voltage:
500 V (core/core) / 50 Hz
2 kV (core/screen) / 50 Hz



Temperature range:
laying temperature: min. -5 °C
fixed: -30 °C up to 70 °C
moved: -5 °C up to 70 °C
conductor temperature: max. 70 °C



Bending radius (min.):
7.5 x Ø of wire



Core identification:
DIN VDE 0815



Fire properties:
EN 60332-1-2: flame retardant

ELECTRICAL PARAMETERS

Conductor diameter	(mm)	0.5
Conductor 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 unbalance K, max. at 800 Hz	(pF/100m)	200

Number of pairs x nominal diameter (mm)	Outer diameter (mm) appr.	Total weight (kg/km) appr.	Standard lengths/packing (m)
JE-LiYCY...Bd			
2 x 2 x 0.5	7.0	70	500 D, 1000 D
4 x 2 x 0.5	8.9	112	500 D, 1000 D
8 x 2 x 0.5	12.9	210	500 D, 1000 D
12 x 2 x 0.5	13.8	265	500 D, 1000 D
16 x 2 x 0.5	14.9	333	500 D, 1000 D
20 x 2 x 0.5	16.1	392	500 D, 1000 D
24 x 2 x 0.5	17.4	451	500 D, 1000 D
32 x 2 x 0.5	20.7	606	500 D, 1000 D
40 x 2 x 0.5	22.7	726	500 D, 1000 D

Technical changes reserved. All figures are therefore without guarantee.

29.8.2022, 16:28