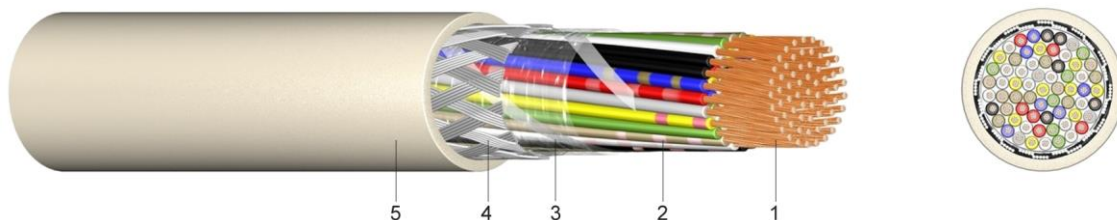




## JE-LiYCY Bd Cable for Industrial Electronics

**Application:** Cables for industrial electronics are suitable for fixed installations in dry and humid rooms.



- Construction:**
- 1 ..... fine-stranded bare copper
  - 2 ..... core insulation of polyvinylchloride (PVC) , Cores twisted to pairs and four twisted pairs in a bundle, bundle identification by Number characteristic helix (Z) or ring mark on core insulation (Si)
  - 3 ..... layer of plastic foil
  - 4 ..... braid of tinned copper wires
  - 5 ..... outer sheath of polyvinylchloride (PVC), grey

**Standards:** DIN VDE 0815 (core identification)  
DIN EN 60228 class 5 (construction)

**Technical data:**

Peak operating voltage		[V]	225
Test voltage at 50 Hz	core / core	[V] <sub>ac</sub>	500
	core / screen	[V] <sub>ac</sub>	2000
Temperature range	in motion		-5°C till +50°C
	fixed		-30°C till +70°C
Bending radius	in motion	x diameter	10
Flammability	standard		EN 60332-1-2
Insulation resistance	min.	[MΩ/km]	100
Mutal capacitance		[Ω/km]	78,4
	max.	[nF/km]	100
Capacitance unbalance 100m		[pF]	200
	max.		

Number of pairs and nominal cross section mm <sup>2</sup>	from stock	Copper figure kg/km	Insulation thickness mm	Overall diameter appr. mm	Weight appr. kg / km
2 x 2 x 0,5	●	51	1,0	7,0	81
4 x 2 x 0,5	●	87	1,0	9,5	137
8 x 2 x 0,5	●	144	1,0	13,0	248
12 x 2 x 0,5	●	196	1,2	15,0	307
16 x 2 x 0,5	●	249	1,2	16,5	375
20 x 2 x 0,5	●	299	1,2	18,5	461
24 x 2 x 0,5	●	348	1,2	20,5	595
32 x 2 x 0,5	●	444	1,4	23,0	719