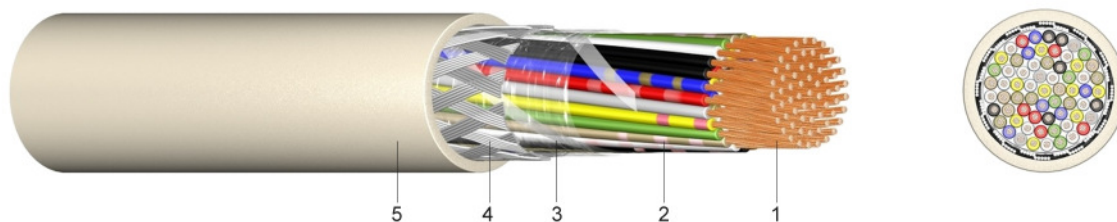


Datasheet JE-LiYCY Bd Cable for Industrial Electronics

Version 1/2009

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)
- 3 layer of plastic foil
- 4 braid of tinned copper wires
- 5 outer sheath of polyvinylchloride (PVC), grey

According to: 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] _{AC}	500
	core / screen	[V] _{AC}	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.	[MΩm/km]	100
Mutal capacitance		[Ωm/km]	78,4
	max.	[nF/km]	100
Capacitance unbalance 100m	max	[pF]	200

Number of pairs and nominal cross section mm ²	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