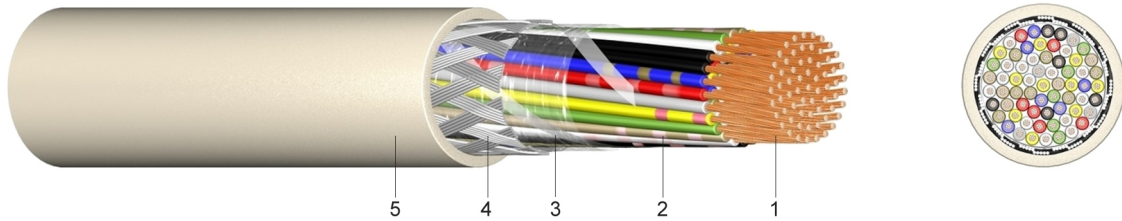


JE-LiYCY

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] _{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.	[MΩ/km]	100
Mutal capacitance		[Ω/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	49,0	1,0	7,0	81
4 x 2 x 0,5	83,5	1,0	9,5	137
8 x 2 x 0,5	138,2	1,0	13,0	248
12 x 2 x 0,5	188,2	1,2	15,0	307
16 x 2 x 0,5	239,0	1,2	16,5	375
20 x 2 x 0,5	287,0	1,2	18,5	461
24 x 2 x 0,5	334,1	1,2	20,5	595
32 x 2 x 0,5	426,2	1,4	23,0	719