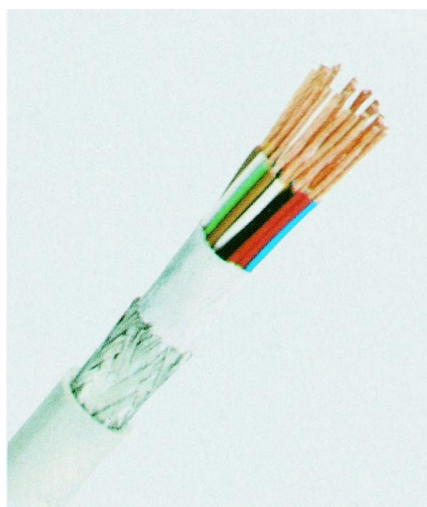


**Construction**

Stranded bare copper conductors with 0.5 mm² (diameter 7 x 0.30 mm), core insulation of PVC, cores are stranded to pairs, four pairs are stranded to bundles, the bundles are marked by a numbered helix (Z) or by coloured rings on the insulation sheaths of the cores (Si), one layer of plastic foil, braid of tinned copper wires (with an optical coverage of ca. 80 %), PVC outer sheath, grey.

Application

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

Temperature range

In motion - 5°C till + 50°C
For fixed installation - 30°C till + 70°C

Electrical properties at 20°C

Conductor loop resistance	max.	78,4 Ohm / km
Insulation resistance	min.	100 MOhm x km
Operating capacity	max.	100 nF / km
Capacitance coupling for 100 m	max.	200 pF

Number of pairs and nominal conductor diameter mm	Price EUR / km	Copper figure kg / km	Thickness of the outer sheath ca. mm	Overall diameter ca. mm	Weight ca. kg / km
JE-LiYCY ... Bd 225 V					
2 x 2 x 0,5 *	2.206,97	51	1,0	7,0	85
4 x 2 x 0,5	3.312,83	87	1,0	9,5	145
8 x 2 x 0,5	5.165,36	144	1,0	12,0	225
12 x 2 x 0,5	6.592,38	196	1,2	14,5	315
16 x 2 x 0,5	7.788,83	249	1,2	16,0	385
20 x 2 x 0,5	9.168,36	299	1,2	17,5	460
24 x 2 x 0,5	10.381,04	348	1,2	19,5	550
32 x 2 x 0,5	12.756,18	444	1,4	21,5	680
40 x 2 x 0,5	17.507,98	537	1,4	24,0	845

* star quad twisting