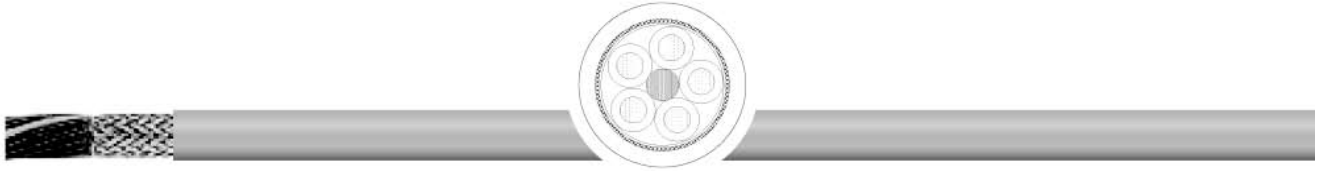


# ÖPVC-JZ/OZ-CY (LiYCY-JZ)



## Application

สายไฟเพาเวอร์คอนโทรลใช้ต่อเชื่อมอุปกรณ์ทางไฟฟ้า สำหรับการส่งข้อมูลโดยไม่มีกระแสสูง ใช้สำหรับติดตั้งแบบวางอยู่กับที่ หรือการเคลื่อนไหวได้เล็กน้อย โดยปราศจากแรงกระทำ (ห้ามใช้ในรางไฟกระดุกง) เหมาะสำหรับที่แห้ง, ชื้น, ภายนอกอาคารให้ใช้ป้องกันแสงยูวี และห้ามฝังดิน

## Special features

- 4 kV testing voltage
- largely resistant to acids, bases and usual oils
- free from lacquer damaging substances and silicone (during production)
- space-saving alternative to ÖPVC-JZ/OZ-YSY
- recommended for EMC-applications

## Remarks

- conform to RoHS
- conform to 73/23/EWG-Guideline CE.
- We are pleased to produce special versions, other dimensions, core and jacket colours on request.

## Structure & Specifications

conductor material	bare copper strand
conductor class	acc. to DIN VDE 0295 class 5 resp. IEC 228 class 5
core insulation	PVC
core identification	acc. to DIN VDE 0293 black cores with white numerals with or without gn/lye
stranding	stranded in layers
overall shield	copper braid tinned; coverage approx. 85 %
outer sheath	PVC
sheath colour	grey, RAL 7001
rated voltage	Uo/U: 300/500 V
testing voltage	core/core: 4 kV core/shield: 2 kV
conductor resistance	acc. to DIN VDE 0295 class 5 resp. IEC 228 class 5
insulation resistance	min. 20 MΩ x km
current carrying capacity	acc. to DIN VDE, see Technical Guidelines
capacity	core/core ca. 120 nF/km; core/shield ca. 155 nF/km
inductivity	ca. 0,67 mH/km
min. bending radius fixed	6 x d
min. bending radius moved	15 x d
operat. temp. fixed min/max	-30 °C / +80 °C
operat. temp. moved min/max	- 5 °C / +70 °C
temp. at conductor	+ 70 °C in operation; +150 °C in case of short-circuit
burning behavior	self-extinguishing and flame-retardant acc. to IEC 332-1
standard	acc. to DIN VDE 0245, 0250 and 0281

dimension n x mm <sup>2</sup>	outer Ø mm	copper weight kg/km	weight kg/km
2 X 0,5	5,8	36,0	45,0
3 G 0,5	6,1	43,0	59,0
4 G 0,5	6,5	49,0	83,0
5 G 0,5	7,0	57,0	96,0
7 G 0,5	7,5	69,0	136,0
12 G 0,5	9,9	104,0	200,0
18 G 0,5	11,5	141,0	275,0
25 G 0,5	13,4	211,0	350,0
2 X 0,75	6,2	43,0	56,0
3 G 0,75	6,5	52,0	70,0
4 G 0,75	7,0	61,0	95,0
5 G 0,75	7,7	72,0	130,0
7 G 0,75	8,3	89,0	168,0
12 G 0,75	10,9	138,0	232,0
18 G 0,75	12,7	211,0	315,0
25 G 0,75	14,8	280,0	435,0
2 X 1,0	6,5	51,0	84,0
3 G 1,0	6,5	62,0	110,0
4 G 1,0	7,3	74,0	130,0
5 G 1,0	8,1	88,0	156,0
7 G 1,0	8,8	112,0	192,0
12 G 1,0	11,5	185,0	285,0
18 G 1,0	13,9	268,0	395,0
25 G 1,0	15,9	354,0	656,0
2 X 1,5	7,1	65,0	97,0
3 G 1,5	7,5	82,0	125,0
4 G 1,5	8,2	100,0	165,0
5 G 1,5	8,9	119,0	193,0
7 G 1,5	9,9	154,0	245,0
12 G 1,5	13,0	268,0	365,0
18 G 1,5	15,6	373,0	553,0
25 G 1,5	17,9	530,0	734,0
34 G 1,5	20,8	683,0	944,0
3 G 2,5	8,9	118,0	188,0
4 G 2,5	9,9	147,0	236,0
5 G 2,5	11,0	176,0	270,0
7 G 2,5	11,9	253,0	340,0
12 G 2,5	16,0	355,0	589,0
18 G 2,5	19,0	569,0	978,0
25 G 2,5	22,2	827,0	1.358,0
4 G 4	11,6	248,0	305,0
7 G 4	14,4	355,0	500,0
4 G 6	14,2	343,0	440,0
7 G 6	17,0	505,0	672,0
4 G 10	17,2	535,0	710,0
7 G 10	21,4	820,0	1.305,0
4 G 16	20,2	800,0	1.050,0
7 G 16	24,8	1.470,0	1.813,0
4 G 25	25,1	1.075,0	1.570,0
4 G 35	30,4	1.576,0	2.070,0