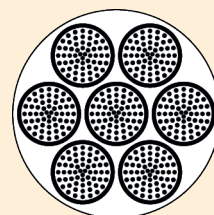


# YSLY -OZ/-JZ/-OB/-JB

## PVC control cable

RoHS

CROSS SECTION



## APPLICATION

Used as a measuring and control cable on machinery, conveyor belts, in air conditioning technology, systems engineering and dry and damp rooms under low mechanical loads. Only for outdoor use in the case of shielded installation. Not suitable for use in water. The cable is largely resistant against the effects of acids, lyes and oils.

## STRUCTURE

Design structure based on DIN VDE 0245, 0250 and 0281

Conductor	Copper conductor, bare, flexible, conductor structure according to VDE 0295 class 5 and IEC 228 class 5
Cores	OZ - black cores with imprinted digits, no green and yellow protective conductor JZ - black cores with imprinted digits, green and yellow protective conductor OB - coloured cores without green and yellow protective conductor JB - coloured cores with green and yellow protective conductor Cores stranded in layers, with optimum lay lengths
Stranding method	
Protective conductor	Green and yellow in the outer layer
Outer sheath	Sheath material made from special PVC compound

## TECHNICAL DATA

sterk in kabels

Nominal voltage	300 V/500 V
Test voltage	3000 V
Conductor resistance	At 20°C according to VDE 0295 class 5 and IEC 228 class 5 for flexible conductors
Conductor temperature	Max. +70°C during operation, + 150°C in the case of a short circuit
Insulation resistance	Min. 20 MOhm x km
Breakdown voltage	Min. 6000 V
Min. bending radius	Up to 12 mm Ø: 10 x cable diameter > 12 mm Ø: 15 x cable diameter
Temperature range	Moving -5°C to +70°C
Temperature range	Fixed installation -30°C to +80°C

### TESTS ACCORDING TO DIN VDE 0472 AND IEC:

Flammability	Test method B according to VDE 0472 part 804 and IEC 60332-1
PVC properties	Self extinguishing and flame retardant

## SPECIAL FEATURES

Sheath colour  
Grey

Product description	Cu weight	Outer Ø (mm)	Weight (kg/km)
YSLY-OZ 2x0.5	9.6	4.8	35
YSLY-JZ 3x0.5	14.4	5.1	41
YSLY-JZ 4x0.5	19.2	5.7	49
YSLY-JZ 5x0.5	24.0	6.2	60
YSLY-JZ 7x0.5	33.6	6.7	77
YSLY-JZ 10x0.5	48.0	8.6	114
YSLY-JZ 12x0.5	58.0	8.9	128
YSLY-JZ 18x0.5	86.0	10.5	185
YSLY-JZ 25x0.5	120.0	12.6	256
YSLY-JZ 50x0.5	240.0	17.2	510
YSLY-JZ 61x0.5	293.0	18.5	595
YSLY-OZ 2x0.75	14.4	6.4	50
YSLY-JZ 3x0.75	21.6	6.7	60
YSLY-JZ 4x0.75	28.8	7.2	73
YSLY-JZ 5x0.75	36.0	8.0	88
YSLY-JZ 7x0.75	50.0	7.6	109
YSLY-JZ 10x0.75	72.0	10.6	153
YSLY-JZ 12x0.75	86.0	10.6	176
YSLY-JZ 18x0.75	129.6	12.2	268
YSLY-JZ 25x0.75	180.0	16.0	374
YSLY-JZ 50x0.75	360.0	21.7	688
YSLY-OZ 2x1	19.2	6.8	57
YSLY-JZ 3x1	28.8	7.2	73
YSLY-JZ 4x1	38.4	7.8	85
YSLY-JZ 5x1	48.0	8.6	105
YSLY-JZ 7x1	67.0	8.2	131
YSLY-JZ 10x1	96.0	11.4	183
YSLY-JZ 12x1	115.0	11.4	220
YSLY-JZ 14x1	134.4	12.1	261
YSLY-JZ 18x1	172.8	13.4	315
YSLY-JZ 25x1	240.0	15.4	449
YSLY-JZ 34x1	326.0	18.9	594
YSLY-JZ 50x1	480.0	22.5	808
YSLY-OZ 2x1.5	28.8	7.7	77
YSLY-JZ 3x1.5	43.0	8.1	95
YSLY-JZ 4x1.5	58.0	9.1	117
YSLY-JZ 5x1.5	72.0	10.2	144
YSLY-JZ 7x1.5	101.0	9.7	183
YSLY-JZ 10x1.5	144.0	12.4	265
YSLY-JZ 12x1.5	173.0	13.4	307
YSLY-JZ 14x1.5	201.6	14.1	349
YSLY-JZ 18x1.5	259.2	16.2	461
YSLY-JZ 25x1.5	360.0	19.8	655
YSLY-JZ 34x1.5	489.6	21.4	850
YSLY-JZ 50x1.5	720.0	25.4	1107
YSLY-OZ 2x2.5	48.0	9.2	123
YSLY-JZ 3x2.5	72.0	9.8	152
YSLY-JZ 4x2.5	96.0	11.0	192
YSLY-JZ 5x2.5	120.0	12.2	243
YSLY-JZ 7x2.5	168.0	13.1	310
YSLY-JZ 12x2.5	288.0	15.7	488
YSLY-JZ 14x2.5	336.0	16.5	558
YSLY-JZ 25x2.5	600.0	22.9	989
YSLY-JZ 4x4	153.6	12.8	299
YSLY-JZ 5x4	192.0	14.1	363
YSLY-JZ 7x4	268.8	16.0	488
YSLY-JZ 4x6	230.4	14.7	480
YSLY-JZ 5x6	288.0	16.2	583
YSLY-JZ 7x6	403.2	18.2	782
YSLY-JZ 4x10	384.0	18.4	737
YSLY-JZ 5x10	480.0	20.4	914
YSLY-JZ 7x10	672.0	25.2	1165
YSLY-JZ 4x16	614.4	21.8	1087
YSLY-JZ 5x16	768.0	24.8	1370
YSLY-JZ 7x16	1075.0	28.2	1612

Product description		Cu weight	Outer Ø (mm)	Weight (kg/km)
YSLY-JZ	4x25	960.0	28.9	1713
YSLY-JZ	5x25	1200.0	31.8	2291
YSLY-JZ	4x35	1344.0	31.8	2393
YSLY-JZ	5x35	1680.0	35.0	2684
YSLY-OB	2x0.5	9.6	4.8	35
YSLY-JB	3x0.5	14.4	5.1	41
YSLY-JB	4x0.5	19.2	5.7	49
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YSLY-JB 5x25	1200.0	31.8	2291
YSLY-JB 4x35	1344.0	31.8	2393
YSLY-JB 5x35	1680.0	35.0	2684

