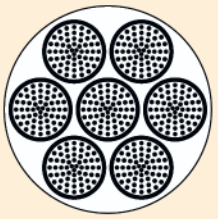
YSLY -OZ/-JZ/-OB/-JB

RoHS

PVC control cable



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.

SPECIAL FEATURES

Sheath colour
Grey

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
Stranding method	Cores stranded in layers, with optimum lay lengths
Protective conductor	Green and yellow in the outer layer
Outer sheath	Sheath material made from special PVC compound

TECHNICAL DATA

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

Product description		Cu weight	Outer Ø (mm)	Weight (kg/km)	Product number
YSLY-OZ	2x0.5	9.6	4.8	35	8111080
YSLY-JZ	3x0.5	14.4	5.1	41	8111081
YSLY-JZ	4x0.5	19.2	5.7	49	8111082
YSLY-JZ	5x0.5	24.0	6.2	60	8111083
YSLY-JZ	7x0.5	33.6	6.7	77	8111084
YSLY-JZ	10x0.5	48.0	8.6	114	8111085
YSLY-JZ	12x0.5	58.0	8.9	128	8111086
YSLY-JZ	18x0.5	86.0	10.5	185	8111087
YSLY-JZ	25x0.5	120.0	12.6	256	8111088
YSLY-JZ	50x0.5	240.0	17.2	510	8111089
YSLY-JZ	61x0.5	293.0	18.5	595	8111090
YSLY-OZ	2x0.75	14.4	6.4	50	8111101
YSLY-JZ	3x0.75	21.6	6.7	60	8111102
YSLY-JZ	4x0.75	28.8	7.2	73	8111103
YSLY-JZ	5x0.75	36.0	8.0	88	8111104
YSLY-JZ	7x0.75	50.0	7.6	109	8111105
YSLY-JZ	10x0.75	72.0	10.6	153	8111106
YSLY-JZ	12x0.75	86.0	10.6	176	8111107
YSLY-JZ	18x0.75	129.6	12.2	268	8111109
YSLY-JZ	25x0.75	180.0	16.0	374	8111110
YSLY-JZ	50x0.75	360.0	21.7	688	8111116
YSLY-OZ	2x1	19.2	6.8	57	8111120
YSLY-JZ	3x1	28.8	7.2	73	8111122
YSLY-JZ	4x1	38.4	7.8	85	8111123
YSLY-JZ	5x1	48.0	8.6	105	8111124
YSLY-JZ	7x1	67.0	8.2	131	8111125
YSLY-JZ	10x1	96.0	11.4	183	8111126
YSLY-JZ	12x1	115.0	11.4	220	8111127
YSLY-JZ	14x1	134.4	12.1	261	8111128
YSLY-JZ	18x1	172.8	13.4	315	8111129
YSLY-JZ	25x1	240.0	15.4	449	8111131
YSLY-JZ	34x1	326.0	18.9	594	8111132
YSLY-JZ	50x1	480.0	22.5	808	8111133
YSLY-OZ	2x1.5	28.8	7.7	77	8111140
YSLY-JZ	3x1.5	43.0	8.1	95	8111141
YSLY-JZ	4x1.5	58.0	9.1	117	8111142
YSLY-JZ	5x1.5	72.0	10.2	144	8111143
YSLY-JZ	7x1.5	101.0	9.7	183	8111144
YSLY-JZ	10x1.5	144.0	12.4	265	8111145
YSLY-JZ	12x1.5	173.0	13.4	307	8111146
YSLY-JZ	14x1.5	201.6	14.1	349	8111147
YSLY-JZ	18x1.5	259.2	16.2	461	8111148
YSLY-JZ	25x1.5	360.0	19.8	655	8111149
YSLY-JZ	34x1.5	489.6	21.4	850	8111150
YSLY-JZ	50x1.5	720.0	25.4	1107	8111151
YSLY-OZ	2x2.5	48.0	9.2	123	8111160
YSLY-JZ	3x2.5	72.0	9.8	152	8111161
YSLY-JZ	4x2.5	96.0	11.0	192	8111162
YSLY-JZ	5x2.5	120.0	12.2	243	8111163
YSLY-JZ	7x2.5	168.0	13.1	310	8111164
YSLY-JZ	12x2.5	288.0	15.7	488	8111165
YSLY-JZ	14x2.5	336.0	16.5	558	8111166
YSLY-JZ	25x2.5	600.0	22.9	989	8111167
YSLY-JZ	4x4	153.6	12.8	299	8111175
YSLY-JZ	5x4	192.0	14.1	363	8111176
YSLY-JZ	7x4	268.8	16.0	488	8111177
YSLY-JZ	4x6	230.4	14.7	480	8111180
YSLY-JZ	5x6	288.0	16.2	583	8111181
YSLY-JZ	7x6	403.2	18.2	782	8111182
YSLY-JZ	4x10	384.0	18.4	737	8111210
YSLY-JZ	5x10	480.0	20.4	914	8111211
YSLY-JZ	7x10	672.0	25.2	1165	8111212
YSLY-JZ	4x16	614.4	21.8	1087	8111225
YSLY-JZ	5x16	768.0	24.8	1370	8111226
YSLY-JZ	7x16	1075.0	28.2	1612	8111227

Product description		Cu weight	Outer Ø (mm)	Weight (kg/km)	Product number
YSLY-JZ	4x25	960.0	28.9	1713	8111235
YSLY-JZ	5x25	1200.0	31.8	2291	8111236
YSLY-JZ	4x35	1344.0	31.8	2393	8111245
YSLY-JZ	5x35	1680.0	35.0	2684	8111246
YSLY-OB	2x0.5	9.6	4.8	35	82110502
YSLY-JB	3x0.5	14.4	5.1	41	82110503
YSLY-JB	4x0.5	19.2	5.7	49	82110504
YSLY-JB	5x0.5	24.0	6.2	60	82110505
YSLY-JB	7x0.5	33.6	6.7	77	82110507
YSLY-JB	10x0.5	48.0	8.6	114	82110510
YSLY-JB	12x0.5	58.0	8.9	128	82110512
YSLY-JB	18x0.5	86.0	10.5	185	82110518
YSLY-JB	25x0.5	120.0	12.6	256	82110525
YSLY-JB	50x0.5	240.0	17.2	510	82110550
YSLY-JB	61x0.5	293.0	18.5	595	82110561
YSLY-OB	2x0.75	14.4	6.4	50	82117502
YSLY-JB	3x0.75	21.6	6.7	60	82117503
YSLY-JB	4x0.75	28.8	7.2	73	82117504
YSLY-JB	5x0.75	36.0	8.0	88	82117505
YSLY-JB	7x0.75	50.0	7.6	109	82117507
YSLY-JB	10x0.75	72.0	10.6	153	82117510
YSLY-JB	12x0.75	86.0	10.6	176	82117512
YSLY-JB	18x0.75	129.6	12.2	268	82117518
YSLY-JB	25x0.75	180.0	16.0	374	82117525
YSLY-JB	50x0.75	360.0	21.7	688	82117550
YSLY-OB	2x1	19.2	6.8	57	82111002
YSLY-JB	3x1	28.8	7.2	73	82111003
YSLY-JB	4x1	38.4	7.8	85	82111004
YSLY-JB	5x1	48.0	8.6	105	82111005
YSLY-JB	7x1	67.0	8.2	131	82111007
YSLY-JB	10x1	96.0	11.4	183	82111010
YSLY-JB	12x1	115.0	11.4	220	82111012
YSLY-JB	14x1	134.4	12.1	261	82111014
YSLY-JB	18x1	172.8	13.4	315	82111018
YSLY-JB	25x1	240.0	15.4	449	82111025
YSLY-JB	34x1	326.0	18.9	594	82111034
YSLY-JB	50x1	480.0	22.5	808	82111050
YSLY-OB	2x1.5	28.8	7.7	77	82111502
YSLY-JB	3x1.5	43.0	8.1	95	82111503
YSLY-JB	4x1.5	58.0	9.1	117	82111504
YSLY-JB	5x1.5	72.0	10.2	144	82111505
YSLY-JB	7x1.5	101.0	9.7	183	82111507
YSLY-JB	10x1.5	144.0	12.4	265	82111510
YSLY-JB	12x1.5	173.0	13.4	307	82111512
YSLY-JB	14x1.5	201.6	14.1	349	82111514
YSLY-JB	18x1.5	259.2	16.2	461	82111518
YSLY-JB	25x1.5	360.0	19.8	655	82111525
YSLY-JB	34x1.5	489.6	21.4	850	82111534
YSLY-JB	50x1.5	720.0	25.4	1107	82111550
YSLY-OB	2x2.5	48.0	9.2	123	82112502
YSLY-JB	3x2.5	72.0	9.8	152	82112503
YSLY-JB	4x2.5	96.0	11.0	192	82112504
YSLY-JB	5x2.5	120.0	12.2	243	82112505
YSLY-JB	7x2.5	168.0	13.1	310	82112507
YSLY-JB	12x2.5	288.0	15.7	488	82112512
YSLY-JB	14x2.5	336.0	16.5	558	82112514
YSLY-JB	25x2.5	600.0	22.9	989	82112525
YSLY-JB	4x4	153.6	12.8	299	82114004
YSLY-JB	5x4	192.0	14.1	363	82114005
YSLY-JB	7x4	268.8	16.0	488	82114007

Product description		Cu weight	Outer Ø (mm)	Weight (kg/km)	Product number
YSLY-JB	4x6	230.4	14.7	480	82116004
YSLY-JB	5x6	288.0	16.2	583	82116005
YSLY-JB	7x6	403.2	18.2	782	82116007
YSLY-JB	4x10	384.0	18.4	737	82121004
YSLY-JB	5x10	480.0	20.4	914	82121005
YSLY-JB	7x10	672.0	25.2	1165	82121007
YSLY-JB	4x16	614.4	21.8	1087	82121604
YSLY-JB	5x16	768.0	24.8	1370	82121605
YSLY-JB	7x16	1075.0	28.2	1612	82121607
YSLY-JB	4x25	960.0	28.9	1713	82122504
YSLY-JB	5x25	1200.0	31.8	2291	82122505
YSLY-JB	4x35	1344.0	31.8	2393	82123504
YSLY-JB	5x35	1680.0	35.0	2684	82123505