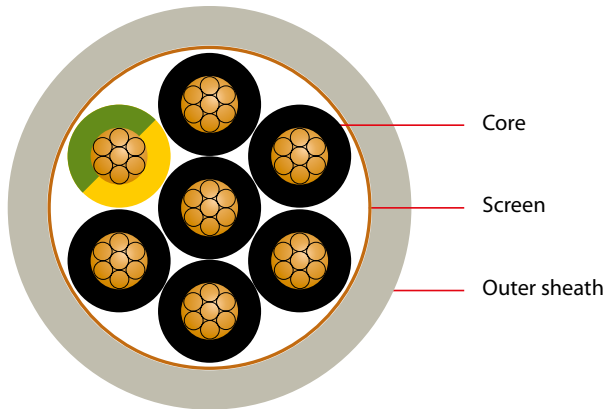


YSLCY-OZ/JZ

**APPLICATION**

Screened control cable for low mechanical loads.

CONSTRUCTION

Conductor: copper strand, bare. acc. to VDE 0295 class 5

Core insulation: PVC

Core identification: black with white numbers or coloured acc. to VDE 0293; JZ: one core green-yellow in outer layer

Core stranding: cores twisted to layers

Lapping: plastic foil

Screen: tinned copper wire braid; optical coverage approx. 80 %

Outer sheath: PVC; colour: grey RAL 7001

ELECTRICAL CHARACTERISTICS

Insulation resistance min.	20 MΩ x km
Nominal voltage U_0 / U	300/500 V
Test voltage core-core	2000 V
Test voltage core-screen	1000 V

THERMAL & MECHANICAL PROPERTIES

Temperature range during installation	-5°C to +50°C
Temperature range stationary	-30°C to +70°C
Minimum bending radius	10 x diameter

Dimension	Sheath thickness approx. mm	Diameter approx. mm	Cable weight approx. kg/km	Copper index kg/km
YSLCY-OZ				
2 x 0.5	0.7	5.4	45	29
3 x 0.5	0.7	5.7	56	35
4 x 0.5	0.8	6.3	72	46
5 x 0.5	0.8	6.8	89	51
7 x 0.5	0.9	7.6	125	68
10 x 0.5	1.0	9.5	155	93
12 x 0.5	1.0	9.8	200	101
18 x 0.5	1.2	11.9	255	133
20 x 0.5	1.2	12.4	285	165
25 x 0.5	1.3	14.1	350	211
2 x 0.75	0.8	6.0	56	38
3 x 0.75	0.8	6.3	71	48
4 x 0.75	0.8	6.8	95	58
5 x 0.75	0.9	7.6	155	72
7 x 0.75	0.9	8.2	168	90
10 x 0.75	1.1	10.7	215	131
12 x 0.75	1.1	11.0	232	148
15 x 0.75	1.2	12.3	288	171
18 x 0.75	1.2	12.9	315	205
20 x 0.75	1.3	13.6	368	220
21 x 0.75	1.3	13.6	382	233
25 x 0.75	1.4	15.5	435	269
32 x 0.75	1.5	17.0	496	333
34 x 0.75	1.6	17.8	527	346
40 x 0.75	1.6	18.3	615	395
2 x 1	0.8	6.3	84	46
3 x 1	0.8	6.6	110	57
4 x 1	0.8	7.2	130	72
5 x 1	0.9	8.0	156	84
7 x 1	0.9	8.6	192	109
10 x 1	1.1	11.3	240	151
12 x 1	1.2	11.8	285	171
15 x 1	1.2	13.0	335	212
18 x 1	1.3	13.8	395	253
20 x 1	1.3	14.4	525	305
25 x 1	1.5	16.8	656	354
30 x 1	1.5	17.4	670	397
32 x 1	1.6	18.2	710	421
34 x 1	1.6	18.8	755	454
50 x 1	1.9	22.4	995	662

Subject to changes due to technical progress and error



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Dimension	Sheath thickness approx. mm	Diameter approx. mm	Cable weight approx. kg/km	Copper index kg/km	Dimension	Sheath thickness approx. mm	Diameter approx. mm	Cable weight approx. kg/km	Copper index kg/km
YSLCY-OZ					YSLCY-JZ				
2 x 1.5	0.8	6.9	97	58	3 x 0.5	0.7	5.7	56	35
3 x 1.5	0.9	7.5	125	77	4 x 0.5	0.8	6.3	72	46
4 x 1.5	0.9	8.1	165	94	5 x 0.5	0.8	6.8	89	51
5 x 1.5	1.0	9.0	193	114	7 x 0.5	0.9	7.6	125	68
7 x 1.5	1.0	9.7	245	146	10 x 0.5	1.0	9.5	155	93
10 x 1.5	1.2	12.7	310	201	12 x 0.5	1.0	9.8	200	101
12 x 1.5	1.3	13.3	365	241	18 x 0.5	1.2	11.9	255	133
15 x 1.5	1.4	14.8	465	296	20 x 0.5	1.2	12.4	285	165
18 x 1.5	1.4	15.5	553	355	25 x 0.5	1.3	14.1	350	211
20 x 1.5	1.5	16.4	595	401	3 x 0.75	0.8	6.3	71	48
25 x 1.5	1.7	19.1	734	498	4 x 0.75	0.8	6.8	95	58
30 x 1.5	1.7	19.7	855	572	5 x 0.75	0.9	7.6	155	72
32 x 1.5	1.8	20.6	910	604	7 x 0.75	0.9	8.2	168	90
34 x 1.5	1.8	21.3	963	642	10 x 0.75	1.1	10.7	215	131
50 x 1.5	2.1	25.3	1330	926	12 x 0.75	1.1	11.0	232	148
2 x 2.5	0.9	8.3	164	92	15 x 0.75	1.2	12.3	288	171
3 x 2.5	1.0	9.0	188	118	18 x 0.75	1.2	12.9	315	205
4 x 2.5	1.0	9.7	236	147	20 x 0.75	1.3	13.6	368	220
5 x 2.5	1.1	11.0	270	176	21 x 0.75	1.3	13.6	382	233
7 x 2.5	1.2	12.1	340	253	25 x 0.75	1.4	15.5	435	269
2 x 4	1.0	10.0	194	135	32 x 0.75	1.5	17.0	496	333
3 x 4	1.1	10.8	250	178	34 x 0.75	1.6	17.8	527	346
4 x 4	1.2	11.9	302	220	40 x 0.75	1.6	18.3	615	395
5 x 4	1.2	13.0	370	270	3 x 1	0.8	6.6	110	57
6 x 4	1.3	14.3	424	315	4 x 1	0.8	7.2	130	72
7 x 4	1.3	14.3	473	355	5 x 1	0.9	8.0	156	84
3 x 6	1.2	12.4	300	220	7 x 1	0.9	8.6	192	109
4 x 6	1.3	13.7	400	284	10 x 1	1.1	11.3	240	151
5 x 6	1.4	13.1	500	370	12 x 1	1.2	11.8	285	171
7 x 6	1.5	16.8	650	490	15 x 1	1.2	13.0	335	212
3 x 10	1.4	15.6	480	371	18 x 1	1.3	13.8	395	253
4 x 10	1.6	17.6	750	472	20 x 1	1.3	14.4	525	305
5 x 10	1.7	19.4	850	581	25 x 1	1.5	16.8	656	354
7 x 10	1.8	21.3	1250	781	30 x 1	1.5	17.4	670	397
					32 x 1	1.6	18.2	710	421
					34 x 1	1.6	18.8	755	454
					50 x 1	1.9	22.4	995	662

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Dimension	Sheath thickness approx. mm	Diameter approx. mm	Cable weight approx. kg/km	Copper index kg/km	Dimension	Sheath thickness approx. mm	Diameter approx. mm	Cable weight approx. kg/km	Copper index kg/km
YSLCY-JZ									
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10 x 1.5	1.2	12.7	310	201					
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15 x 1.5	1.4	14.8	465	296					
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20 x 1.5	1.5	16.4	595	401					
25 x 1.5	1.7	19.1	734	498					
30 x 1.5	1.7	19.7	855	572					
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34 x 1.5	1.8	21.3	963	642					
50 x 1.5	2.1	25.3	1330	926					
3 x 2.5	1.0	9.0	188	118					
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5 x 4	1.2	13.0	370	270					
6 x 4	1.3	14.3	424	315					
7 x 4	1.3	14.3	473	355					
3 x 6	1.2	12.4	300	220					
4 x 6	1.3	13.7	400	284					
5 x 6	1.4	13.1	500	370					
7 x 6	1.5	16.8	650	490					
3 x 10	1.4	15.6	480	371					
4 x 10	1.6	17.6	750	472					
5 x 10	1.7	19.4	850	581					
7 x 10	1.8	21.3	1250	781					

Subject to changes due to technical progress and error

