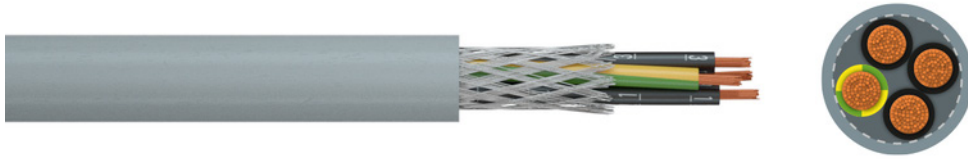


Lightweight screened control cable

YSLCY-JZ/-OZ



Application: Optimized control and instrumentation cable for industry and machinery environment with specific EMC (electromagnetic compatibility) requirements for indoor applications. The inner sheath has been replaced by a separating foil, hence diameter, bending radius and weight are less. For installation in dry and damp rooms. The cable is largely oil resistant.

Construction and technical data:

CPR-classification according to EN 50575:	Eca
Conductor material:	copper, bare
Conductor construction:	Class 5 = flexible
Insulation:	PVC TI2
Screen:	tinned copper braid
Screen coverage:	70 %
Sheathing material:	PVC TM2
Colour of outer sheath:	grey RAL 7001
Flame-retardant:	VDE 0482-332-1-2/IEC 60332-1-2
Oil-resistant:	EN 60811-404
Max. temperature at conductor, °C:	70 °C
Permitted outer cable temperature, fixed, °C:	-40 - +70 °C
Permitted outer cable temperature, moved, °C:	-5 - +70 °C
Bending radius, fixed installation:	10 x Ø



The products and information presented here are for technical calculation only. They are subject to technical progress and in no way represent the ability of shipment. Outer diameters are approximately.

YSLCY-JZ**Nominal voltage U_o:** 300 V**Nominal voltage U:** 500 V**Test voltage:** 2 kV**Protective conductor:** yes**Core identification:** green-yellow + numbers

part no.	part name	RI [Ohm/km]	Ø [mm]	Cu	G [kg]
033268	03X0.5	39	6.1	43	57
033269	04X0.5	39	6.5	49	72
033270	05X0.5	39	7.1	57	86
033271	06X0.5	39	7.4	66	89
033272	07X0.5	39	7.9	69	119
033273	08X0.5	39	8.5	80	124
033274	10X0.5	39	9.7	93	142
033275	12X0.5	39	10	117	183
033276	14X0.5	39	10.4	122	190
033277	16X0.5	39	11.2	129	210
033278	18X0.5	39	11.9	156	248
033279	20X0.5	39	12.4	173	255
033280	21X0.5	39	12.5	189	250
033281	24X0.5	39	12.9	236	300
033282	25X0.5	39	14.1	250	308
033283	30X0.5	39	14.4	297	360
033284	32X0.5	39	15.2	301	425
033285	34X0.5	39	15.3	312	433
033286	36X0.5	39	15.7	320	446
033287	40X0.5	39	16.5	345	475
033288	41X0.5	39	17.1	355	486
033289	50X0.5	39	18.4	407	573
033290	61X0.5	39	19.8	580	653
033291	80X0.5	39	21.9	690	784
033292	100X0.5	39	24.3	814	995
033293	03X0.75	26	5.7	50	69
033294	04X0.75	26	6.4	61	88
033295	05X0.75	26	7.1	72	120
033296	06X0.75	26	8.1	87	113
033297	07X0.75	26	7.8	98	153
033298	08X0.75	26	8.4	110	145
037437	09X0.75	26	9.1	118	140
033299	10X0.75	26	9.2	140	192
033300	12X0.75	26	9.6	151	220
033301	14X0.75	26	10.2	167	225
033302	16X0.75	26	11	183	275
033303	18X0.75	26	11.5	211	306
033304	19X0.75	26	11.8	221	308
033305	20X0.75	26	12.1	238	336
033306	21X0.75	26	12.5	246	380
033307	24X0.75	26	12.8	270	425
033308	25X0.75	26	12.9	280	431
033309	27X0.75	26	13.5	287	435
033310	30X0.75	26	14.5	315	450
033311	32X0.75	26	16	333	488
033312	34X0.75	26	17.8	370	521
033313	36X0.75	26	17.9	375	535

part no.	part name	RI [Ohm/km]	Ø [mm]	Cu	G [kg]
033314	37X0.75	26	18.1	386	592
033315	40X0.75	26	18.3	395	613
033316	41X0.75	26	18.4	411	622
033317	50X0.75	26	20.8	480	777
033318	61X0.75	26	23.7	555	900
033319	80X0.75	26	27.4	715	1210
033320	100X0.75	26	27.8	910	1445
032857	03X1	19.5	6.2	76	100
033322	04X1	19.5	7	80	117
032133	05X1	19.5	7.8	92	127
033323	06X1	19.5	8.2	105	144
033324	07X1	19.5	8.6	120	178
032134	08X1	19.5	9	133	197
033325	10X1	19.5	10	151	235
033326	12X1	19.5	10.7	186	275
033327	14X1	19.5	11.5	198	302
033328	16X1	19.5	12.5	218	346
032135	18X1	19.5	13.2	271	380
033329	19X1	19.5	14.2	260	412
033330	20X1	19.5	15.8	305	468
033331	24X1	19.5	16.2	345	493
033332	25X1	19.5	18	360	607
033333	27X1	19.5	16.2	360	562
033334	28X1	19.5	16.7	370	595
033335	30X1	19.5	17.4	397	643
033336	34X1	19.5	20.6	454	746
033337	37X1	19.5	21.1	485	790
033338	40X1	19.5	21.2	510	835
033339	41X1	19.5	21.4	521	843
033340	50X1	19.5	24.2	662	1015
033341	61X1	19.5	27.3	710	1205
033342	80X1	19.5	27.6	940	1445
033343	100X1	19.5	28.8	1180	1613
033345	03X1.5	13.3	6.9	90	115
033346	04X1.5	13.3	8	110	149
032876	05X1.5	13.3	8.3	125	180
033347	07X1.5	13.3	9.1	152	230
033348	08X1.5	13.3	10.5	172	244
033349	10X1.5	13.3	11.1	201	313
033350	12X1.5	13.3	11.5	268	354
033351	14X1.5	13.3	12.2	272	383
033352	16X1.5	13.3	13.5	285	424
033266	18X1.5	13.3	14	373	523
033353	19X1.5	13.3	14.1	390	508
033354	20X1.5	13.3	14.5	407	570
033355	21X1.5	13.3	15	424	560
033356	24X1.5	13.3	15.8	448	690
033357	25X1.5	13.3	16.1	530	722
033358	27X1.5	13.3	18	513	774
033359	28X1.5	13.3	20	525	810
033360	30X1.5	13.3	21.1	572	838
033361	34X1.5	13.3	21.3	683	950
033362	35X1.5	13.3	21.4	701	890
033363	37X1.5	13.3	21.8	693	945
033364	40X1.5	13.3	22.5	725	1060

part no.	part name	RI [Ohm/km]	Ø [mm]	Cu	G [kg]
033365	41X1.5	13.3	22.5	808	1071
033366	50X1.5	13.3	26.7	977	1303
033367	61X1.5	13.3	29.1	1120	1705
033368	80X1.5	13.3	30	1360	2010
033369	100X1.5	13.3	33.3	1690	2505
033371	03X2.5	7.98	8.4	148	180
033372	04X2.5	7.98	8.9	174	220
032136	05X2.5	7.98	10.1	203	270
033373	07X2.5	7.98	11.4	253	342
033374	10X2.5	7.98	13	335	460
033375	12X2.5	7.98	14.6	441	580
033376	18X2.5	7.98	15.5	570	879
033378	03X4	4.95	10	178	245
033379	04X4	4.95	10.5	248	306
032137	05X4	4.95	11	331	370
033380	07X4	4.95	13	355	495
033382	03X6	3.3	12	240	315
033383	04X6	3.3	12.7	343	422
033384	05X6	3.3	14.5	441	506
033385	07X6	3.3	16	505	668
033387	03X10	1.91	16	371	490
033388	04X10	1.91	16.6	535	731
033389	05X10	1.91	19	714	853
033390	07X10	1.91	20	820	1291
033391	04X16	1.21	20	809	993
033392	05X16	1.21	22.9	1050	1295
033393	04X25	0.78	24.5	1165	1570
033394	05X25	0.78	26	1440	1965
033395	04X35	0.554	27.9	1576	2070
033396	05X35	0.554	32	1930	2690
033397	04X50	0.386	35	2155	3015

YSLCY-OZ

Nominal voltage U_o: 300 V

Nominal voltage U: 500 V

Test voltage: 2 kV

Protective conductor: no

Core identification: numbers

part no.	part name	RI [Ohm/km]	Ø [mm]	Cu	G [kg]
033267	02X0.5	39	5.2	36	45
037470	03X0.5	39	6.1	43	57
037471	04X0.5	39	6.5	49	72
032097	02X0.75	26	5.4	43	57
032098	03X0.75	26	5.6	53	66
032099	04X0.75	26	6.8	61	89
032100	05X0.75	26	7	72	126
032101	07X0.75	26	7.6	98	156
037472	12X0.75	26	9.6	151	220
037473	18X0.75	26	11.5	211	306
037474	25X0.75	26	12.9	280	431
033321	02X1	19.5	5.9	55	76
037475	03X1	19.5	6.2	76	100
037476	04X1	19.5	7	80	117

part no.	part name	RI [Ohm/km]	Ø [mm]	Cu	G [kg]
037477	05X1	19.5	7.8	92	127
037478	07X1	19.5	8.6	120	178
037479	12X1	19.5	10.7	186	275
037480	18X1	19.5	13.2	271	380
037481	25X1	19.5	18	360	607
033344	02X1.5	13.3	6.1	65	93
037482	03X1.5	13.3	6.9	90	115
035186	18X1.5	13.3	14	373	516
033370	02X2.5	7.98	8	98	141
037483	03X2.5	7.98	8.4	148	180
033377	02X4	4.95	9	135	190
033381	02X6	3.3	11	175	268
033386	02X10	1.91	13	265	425
036026	04X1,5	13.3	8.3	110	149
036027	05X1,5	13.3	9.4	125	180
036028	07X1,5	13.3	10.7	152	230
037020	08X1.5	13.3	10.5	172	244
036029	12X1.5	13.3	13.5	268	354
036030	25X1,5	13.3	20.3	530	722

RI	Conductor resistance
Ø	outer diameter approx.
Cu	Copper weight (GER)
G	net weight per 1000

mardalcables.com