



# HALLEY CABLES

# YSLYSY-JZ

## Control Cables 300/500 V

Flexible, armoured, steel wire braided cable



### **Construction:**

Conductor material	: bare copper.
Conductor construction	: fine stranded, class 5.
Insulation	: PVC, Tl2.
Armour	: galvanized steel wire braiding.
Sheathing material	: PVC, TM2.
Core identification	: G/Y + numbers.

### **Technical data and tests:**

Nominal voltage U <sub>0</sub> /U	: 300 / 500 V.
Test voltage	: 3000 V.
Maximum temperature at conductor	: 70° C.
Max. operating temperature	: fixed : - 40° ... + 70° C. moved/during installation : - 5° ... + 70° C.
Bending radius	: fixed installation : 6 x D. moved application : 20 x D.

\* Upon request this cable can be produced having a rated voltage of 0.6/1 kV.

\*\* TR - transparent; GR - grey

### **Standards:**

Conductor construction	: DIN EN 60228
Flame retardant	: VOE 0482-332-1-2 / IEC 60332-1.

### **Applications:**

YSLYSY is a power control cable with galvanized steel wire braiding. It is suitable for fixed installations or flexible applications. It can be used as measuring, checking and control cable in machine tool manufacturing, plant engineering and on assembly and production lines. It has unrestricted mobility without forced movement control and without exposure to tensile stress. It can be used energy or connecting cable in dry and moist rooms to meet stringent safety requirements.

www.halleycables.com

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## DIMENSIONS

Number of cores x nominal cross section mm <sup>2</sup>	Outer diameter mm	Cable weight kg/km	Copper weight kg/km
3X0,5 TR	86	99	15
4X0,5 TR	91	111	192
5X0,5 TR	98	127	24
7X0,5 TR	112	157	34
10X0,5 TR	131	204	48
12X0,5 TR	139	230	58
14X0,5 TR	152	243	67
18X0,5 TR	158	324	864
21X0,5 TR	17	349	101
25X0,5 TR	193	413	120
30X0,5 TR	198	443	144
35X0,5 TR	20	502	168
40X0,5 TR	215	611	192
42X0,5 TR	218	598	202
50X0,5 TR	228	695	240
61X0,5 TR	241	819	293
80X0,5 TR	273	1044	384
100X0,5 TR	278	1240	480
3X0,75 TR	85	110	22
4X0,75 TR	87	126	288
5X0,75 TR	109	164	36
7X0,75 TR	115	195	504
8X0,75 TR	13	232	58
9X0,75 TR	124	237	65
10X0,75 TR	148	276	72
12X0,75 TR	153	292	86
15X0,75 TR	159	340	108
18X0,75 TR	175	378	130
21X0,75 TR	184	440	151
25X0,75 TR	203	523	180
32X0,75 TR	222	643	230
34X0,75 TR	198	655	245
41X0,75 TR	21	723	296
50X0,75 TR	275	866	360
61X0,75 TR	288	1014	439
3X1 TR	98	131	29
4X1 TR	102	161	384
5X1 TR	111	164	48
6X1 TR	121	223	58
7X1 TR	121	220	67
8X1 TR	135	261	77
9X1 TR	145	283	86
12X1 TR	156	347	1152

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Number of cores x nominal cross section mm <sup>2</sup>	Outer diameter mm	Cable weight kg/km	Copper weight kg/km
14X1 TR	176	395	1344
18X1 TR	183	426	173
20X1 TR	203	496	192
25X1 TR	216	616	240
34X1 TR	24	804	3264
36X1 TR	245	856	346
41X1 TR	251	935	394
50X1 TR	256	1058	480
56X1 TR	262	1215	538
61X1 TR	295	1428	586
65X1 TR	298	1463	624
80X1 TR	312	1767	786
100X1 TR	358	1940	960
3X1,5 TR	101	102	43
4X1,5 TR		173	58
5X1,5 TR	108	202	72
6X1,5 TR	116	272	87
7X1,5 TR	125	248	101
8X1,5 TR	158	334	1152
9X1,5 TR	159	357	130
10X1,5 TR	164	417	144
11X1,5 TR	166	409	158
12X1,5 TR	171	396	173
14X1,5 TR	186	494	202
18X1,5 TR	205	605	2592
25X1,5 TR	209	752	360
32X1,5 TR	253	955	461
34X1,5 TR	267	1038	490
42X1,5 TR	308	1311	605
50X1,5 TR	323	1433	720
61X1,5 TR	335	1755	8784
80X1,5 TR	367	2258	1152
100X1,5 TR	41	2706	1440
3X2,5 TR	115	226	72
5X2,5 TR	137	324	120
4X2,5 TR	119	249	96
7X2,5 TR	152	399	168
12X2,5 TR	197	643	288
14X2,5 TR	189	750	336
18X2,5 TR	215	846	432
20X2,5 TR	226	1169	480
25X2,5 TR	255	1093	600
30X2,5 TR	267	1686	720

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Number of cores x nominal cross section mm <sup>2</sup>	Outer diameter mm	Cable weight kg/km	Copper weight kg/km
34X2,5 TR	287	1869	816
50X2,5 TR	343	2200	1200
61X2,5 TR	377	3000	1464
3X4 TR	137	321	117
4X4 TR	139	348	1536
5X4 TR	163	470	192
7X4 TR	178	591	269
11X4 TR	22	1204	422
4X6 TR	171	531	2304
5X6 TR	188	631	288
7X6 TR	207	770	403
4X10 TR	209	837	384
5X10 TR	23	993	480
7X10 TR	242	1281	672
4X16 TR	269	1396	614
5X16 TR	255	1740	768
7X16 TR	28	2165	1075
4X25 TR	32	1983	960
5X25 TR	37	2423	1200
4X35 TR	36	2550	1344
5X35 TR	41	3143	1680
4X50 TR	43	3502	1920
5X50 TR	432	4248	2400
4X70 TR	52	4795	2688
5X70 TR	53	5880	3360
4X95 TR	52	6330	3648
5X95 TR	564	8071	4560
4X120 TR	563	8170	4608
4X150 TR	635	9970	5760
7X0,75 GR		172	504
25X0,75 GR		465	180
4X1 GR		141	384
25X1 GR		548	240

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