

YSLY 300/500V

Multicore flexible power cable



YSLY-JZ

Black cores with white numbering + yellow-green



YSLY-OZ

Black cores with white numbering

Application

This cable is used as power, control and connecting cables for tooling machinery, production lines, conveyor and assembly line as well as construction plants. This cable is ideal for medium loads and flexible application for free movement without forced movement and tensile load, Suitable to use for installation in dry, moist and wet rooms, indoor

Core Identification

JZ : Black cores with white numbering + yellow - green

OZ : Black cores with white numbering

Construction

Conductor	: Stranded bare Cu conductor, fine wire
Conductor structure	: Stranding according to IEC 60228, Class 5
Insulation	: Special quality PVC
Sheath	: PVC outer sheath
Sheath color	: Grey color
Rated voltage	: 300/500 V
Test voltage	: 2500 VAC / 5 min.
Insulation resistance	: $\geq 20\text{M}\Omega \times \text{Km}$
Temp. range	: -5°C to 70°C
Bending radius	: 15 x cable diameter
Flame retardant	: IEC-60332-1

Reference Standard



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Cross Section	Outer Diameter approx.	Cable Weight approx.
(mm ²)	(mm)	(kg/km)
2 x 0.5	4.7	36
3 x 0.5	5.0	43
4 x 0.5	5.6	54
5 x 0.5	6.1	66
6 x 0.5	6.6	75
7 x 0.5	6.6	81
8 x 0.5	7.8	100
10 x 0.5	9.5	134
12 x 0.5	9.6	141
14 x 0.5	10.0	161
16 x 0.5	10.7	186
18 x 0.5	11.4	211
21 x 0.5	12.0	224
25 x 0.5	13.6	271
30 x 0.5	14.0	300
34 x 0.5	14.5	325
40 x 0.5	15.3	395
42 x 0.5	15.8	432
50 x 0.5	16.6	501
61 x 0.5	19.4	595
2 x 0.75	5.9	54
3 x 0.75	6.2	63
4 x 0.75	6.7	75
5 x 0.75	7.3	91
6 x 0.75	7.4	100
7 x 0.75	7.9	112
8 x 0.75	8.7	132
10 x 0.75	10.4	170
12 x 0.75	10.6	181
14 x 0.75	11.2	215
16 x 0.75	11.8	242
18 x 0.75	12.4	268
20 x 0.75	12.8	274
21 x 0.75	13.1	288
25 x 0.75	15.0	353
30 x 0.75	15.5	386
32 x 0.75	16.0	420
34 x 0.75	17.0	472
40 x 0.75	17.9	520
42 x 0.75	18.2	560
50 x 0.75	20.0	660
61 x 0.75	21.2	772

YSLY 300/500V		
Cross Section	Outer Diameter approx.	Cable Weight approx.
(mm ²)	(mm)	(kg/km)
2 x 1	6.3	63
3 x 1	6.6	74
4 x 1	7.2	90
5 x 1	7.8	108
6 x 1	8.7	120
7 x 1	8.7	140
8 x 1	9.4	160
9 x 1	10.3	185
10 x 1	11.2	210
12 x 1	11.5	225
14 x 1	12.1	262
16 x 1	12.7	293
18 x 1	13.4	328
20 x 1	14.1	352
21 x 1	14.3	358
24 x 1	16.0	427
25 x 1	16.3	434
30 x 1	17.0	500
32 x 1	17.7	538
34 x 1	18.4	579
42 x 1	19.9	698
50 x 1	21.7	813
61 x 1	23.2	966
2 x 1.5	7.3	87
3 x 1.5	7.7	104
4 x 1.5	8.6	130
5 x 1.5	9.4	158
6 x 1.5	10.3	180
7 x 1.5	10.3	199
8 x 1.5	11.3	233
10 x 1.5	13.2	296
12 x 1.5	13.6	318
14 x 1.5	14.5	378
16 x 1.5	15.3	427
18 x 1.5	16.1	476
20 x 1.5	17.0	500
21 x 1.5	17.3	523
25 x 1.5	19.8	638
30 x 1.5	20.5	707
32 x 1.5	21.2	776
34 x 1.5	22.3	849
37 x 1.5	22.7	881
42 x 1.5	23.9	1011
50 x 1.5	26.4	1199
61 x 1.5	28.2	1422

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Cross Section	Outer Diameter approx.	Cable Weight approx.
(mm ²)	(mm)	(kg/km)
2 x 2.5	8.1	115
3 x 2.5	8.8	146
4 x 2.5	9.6	179
5 x 2.5	10.6	221
7 x 2.5	11.7	284
8 x 2.5	12.6	323
9 x 2.5	13.8	371
10 x 2.5	15.0	419
12 x 2.5	15.5	458
14 x 2.5	16.3	534
16 x 2.5	17.4	613
18 x 2.5	18.3	682
21 x 2.5	19.6	750
25 x 2.5	22.4	912
34 x 2.5	25.4	1227
42 x 2.5	27.5	1486
50 x 2.5	30.0	1727
61 x 2.5	32.0	2061
2 x 4	10.0	180
3 x 4	10.6	221
4 x 4	11.8	277
5 x 4	12.9	339
6 x 4	14.3	410
7 x 4	14.7	438
12 x 4	18.1	720
2 x 6	11.0	290
3 x 6	12.1	302
4 x 6	13.3	374
5 x 6	14.8	468
7 x 6	16.1	596

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Cross Section	Outer Diameter approx.	Cable Weight approx.
(mm ²)	(mm)	(kg/km)
3 x 10	15.3	495
4 x 10	17.0	629
5 x 10	18.7	767
7 x 10	20.7	998
3 x 16	17.9	725
4 x 16	19.9	925
5 x 16	22.1	1142
7 x 16	24.2	1476
4 x 25	28.1	1657
4 x 35	32.2	2244
4 x 50	37.1	3067