

# YSLY

## Multicore flexible cable



### Cores Colour

- JZ** : Black cores with white numbering + yellow / green
- OZ** : Black cores with white numbering
- JB** : Coloured cores according to VDE 0293 + yellow - green
- OB** : Coloured cores according to VDE 0293

### Application

This cable is used as control and connecting cables for tooling machinery, production lines, conveyor and assembly line as well as in construction plant.

This cable is ideal for medium loads and flexible application for free movements without forced movement and tensile load. Suitable to use for installation in dry, moist and wet rooms, indoor

### Construction

- ▶ Stranded bare Cu conductor, fine wire
- ▶ Strand structure according to IEC-60228, class 5
- ▶ Insulation : Special quality PVC
- ▶ Sheath : PVC
- ▶ Sheath : PVC, grey colour, flame retardant to IEC 60332-1

### Electrical & Technical Data

- ▶ Rated voltage : 300/500V
- ▶ Test voltage : 1000VAC/1 min
- ▶ Insulation Resistance : min. 20 MΩ x Km
- ▶ Max. working temperature : 70°C
- ▶ Min. laying temperature : -5°C
- ▶ Bending radius : 15 x cable diameter

## Multicore flexible cable

Cross Section (mm <sup>2</sup> )	Outer Diameter Approx (mm)	Cable Weight Approx (kg/m)
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
7 x 0.5	6.6	81
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
7 x 0.75	7.9	112
2 x 1	6.3	63
3 x 1	6.6	74
4 x 1	7.2	90
5 x 1	7.8	108
7 x 1	8.7	140
8 x 1	9.4	160
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
32 x 1	17.7	538
34 x 1	18.4	579
42 x 1	19.9	698
50 x 1	21.7	813
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
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
21 x 1.5	17.3	523
25 x 1.5	19.8	638
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

Cross Section (mm <sup>2</sup> )	Outer Diameter Approx (mm)	Cable Weight Approx (kg/m)
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
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
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
3 x 6	12.1	302
4 x 6	13.3	374
5 x 6	14.8	468
7 x 6	16.1	596
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
3 x 25	22.8	1156
4 x 25	25.5	1482
5 x 25	28.3	1828
3 x 35	26.1	1560
4 x 35	29.0	1990
5 x 35	32.3	2465
3 x 50	30.6	2186
4 x 50	34.0	2790
3 x 70	34.5	2907
4 x 70	38.5	3733