

## YSLY



### Description

YSLY cables are suitable for permanent and mobile installations. They are appropriated to be used indoor, signaling, and service connection in tool machines. The sheath of these cables has excellent resistance properties to abrasion, humidity, impact as well as to mineral oils for general use.

### Applications

Suitable for the following installations:

- Electronic equipment connections
- IT system connections
- Weighing machine connections, etc.

### Technical Characteristics

1. Conductor	Flexible electrolytic copper (Class V) in accordance with UNE-EN 60228, EN 60228 and IEC 60228
2. Insulation	PVC type TI-1 according to UNE-EN 50363-3, EN 50363-3
3. Sheath	PVC type TM-5, oil resistant according UNE-EN 50363-4-1, EN 50363-4-1
Nominal voltage	300/500 V
Test voltage	2.000 V A.C.
Maximum temperature	70 °C

#### Other characteristics

Colour according UNE 21089 (colour marking when less than 5 conductors), HD 308S2 and VDE 0293.

Colour according UNE-EN 50334 (inscription marking when more than 5 conductors), EN 50334 and VDE 0293.

Non-flame propagation according UNE-EN 60332-1, EN 60332-1 and IEC 60332-1.

Insulation and sheathing with low hydrochloric acid (HCl) emission PVC.

YSLY-JZ: Black numbered conductors with yellow/green.

YSLY-OZ: Black numbered conductors without yellow/green.

YSLY-JB: Conductor colours in accordance with HD308S2 with yellow/green.

YSLY-OB: Conductor colours in accordance with HD308S2 without yellow/green.

### Dimensions

Section (mm <sup>2</sup> )	Resistance at 20 °C (Ohm/km)	External Diameter (mm)	Weight (kg/km)
2x0,5	39	4,65	29
2x0,75	26	5,20	41
2x1	19,5	5,55	49
2x1,5	13,3	5,80	58
2x4	4,95	8,75	131
2x6	3,3	10,55	192
2x10	1,91	13,25	312
2x16	1,21	15,65	459
2x25	0,78	19,25	698
2x35	0,554	21,45	924
2x50	0,386	25,90	1.331
3G0,5	39	4,95	36
3G0,75	26	5,50	50
3x1	19,5	6,00	61
3G1,5	13,3	6,20	73
3G2,5	7,98	7,80	116
3G4	4,95	9,35	167
3G6	3,3	11,40	247
3G10	1,91	14,20	403
3x16	1,21	16,80	597
3x25	0,78	20,65	910
3x35	0,554	23,05	1.218
3x50	0,386	27,80	1.753
4x0,5	39	5,45	44
4x0,75	26	6,10	62
4x1	19,5	6,50	74
4x1,5	13,3	6,90	91
4x2,5	7,98	8,60	144
4x4	4,95	10,40	212
4x6	3,3	12,60	313
4x10	1,91	15,80	512
4x16	1,21	18,75	762
4x25	0,78	23,05	1.161
4x35	0,554	25,75	1.560
4x50	0,386	31,05	2.244
5x0,5	39	6,00	53
5x0,75	26	6,75	75

Section (mm <sup>2</sup> )	Resistance at 20 °C (Ohm/km)	External Diameter (mm)	Weight (kg/km)
5x1	19,5	7,20	90
5x1,5	13,3	7,60	110
5x2,5	7,98	9,60	177
5x4	4,95	11,55	258
5x6	3,3	14,00	382
5x10	1,91	17,60	627
5x16	1,21	20,90	935
5x25	0,78	25,70	1.425
5x35	0,554	28,70	1.915
5x50	0,386	34,65	2.758
5x70	0,272	40,00	3.816
5x95	0,206	45,80	5.056
7x0,5	39	6,55	69
7x0,75	26	7,45	97
7x1	19,5	6,80	117
7x1,5	13,3	8,35	145
7x2,5	7,98	10,50	232
12x0,5	39	8,35	112
12x0,75	26	9,45	156
12x1	19,5	8,75	192
12x1,5	13,3	10,70	238
12x2,5	7,98	13,50	382
19x0,5	39	10,15	169
19x0,75	26	11,55	237
19x1	19,5	12,50	295
19x1,5	13,3	13,05	363
19x2,5	7,98	16,55	586
27x0,5	39	11,95	234
27x0,75	26	13,65	329
27x1	19,5	12,65	411
27x1,5	13,3	15,50	509
27x2,5	7,98	19,70	825
37x0,5	39	13,75	314
37x0,75	26	15,70	444
37x1	19,5	17,00	552
37x1,5	13,3	17,85	685
37x2,5	7,98	22,75	1.113