

## YSLCY



### Description

These cables are indicated for carrying out fixed installations, in which an electromagnetic protection is required in order to avoid signal distortions. They are useful for inverters controlling and commanding applications, electrovalves, automatons and machines start-up, contactors, temperature as well as intensity and voltage regulating in motorized valves. Its high flexibility turns them suitable for complex and very difficult installations.

Reference Standards: VDE 0812, UNE-EN 50525 and IEC 60502-1

### Applications

Appropriate for the following installations:

- Electronic equipment connections
- T system connections
- Variable-speed driver 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 A in accordance with UNE 21123, VDE 0812 and IEC 60502-1
3. Metallic armour	Copper braid with a coverage of 70% upon a polyester lamina
4. Sheath	PVC type ST-1 in accordance with UNE 21123 and HD603S1
Nominal voltage	300/500 V
Test voltage	2.000 V A.C.
Maximum temperature	70 °C

#### Other characteristics

Colours according to UNE 21089 and HD 303S2 (colour marking when less than five conductors) and UNE-EN 50334 and EN 50334 (inscription marking when more than five conductors)

Non-flame propagating according to UNE-EN 60332-1-2, EN 60332-1-2 and IEC 60332-1-2

YCY-JZ: Black numbered conductors with Yellow/Green

YCY-OZ: Black numbered conductors without Yellow/Green

YCY-JB: Conductor colours in accordance with HD308S2 with Yellow/Green

YCY-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)
2x0,75	26	5,80	42
2x1	19,5	6,20	50
2x1,5	13,3	6,65	60
2x2,5	7,98	8,25	92
2x4	4,95	9,30	126
2x6	3,3	11,15	181
2x10	1,91	13,80	284
2x16	1,21	16,25	413
2x25	0,78	19,80	616
3x0,75	26	6,15	54
3x1	19,5	6,55	63
3x1,5	13,3	7,10	79
3x2,5	7,98	8,75	121
3x4	4,95	9,95	170
3x6	3,3	11,90	245
3x10	1,91	14,75	390
3x16	1,21	17,40	573
3x25	0,78	21,25	861
4x0,75	26	6,70	66
4x1	19,5	7,20	79
4x1,5	13,3	7,75	98
4x2,5	7,98	9,65	154
4x4	4,95	10,95	216
4x6	3,3	13,15	314
4x10	1,91	16,35	504
4x16	1,21	19,30	743
4x25	0,78	23,60	1.120
5x0,75	26	7,35	80
5x1	19,5	7,85	95
5x1,5	13,3	8,55	120
5x2,5	7,98	10,65	188
5x4	4,95	12,10	266
5x6	3,3	14,55	386
5x10	1,91	18,15	623
5x16	1,21	21,45	920
5x25	0,78	26,25	1.389
6x0,75	26	8,00	97
6x1	19,5	8,60	119
6x1,5	13,3	9,30	151

Section (mm <sup>2</sup> )	Resistance at 20 °C (Ohm/km)	External Diameter (mm)	Weight (kg/km)
6x2,5	7,98	11,65	237
7x0,75	26	8,00	103
7x1	19,5	8,60	124
7x1,5	13,3	9,30	157
7x2,5	7,98	11,65	249
8x0,75	26	9,35	142
8x1	19,5	10,05	167
8x1,5	13,3	10,95	207
8x2,5	7,98	13,75	327
10x0,75	26	9,35	141
10x1	19,5	10,05	170
10x1,5	13,3	10,95	218
10x2,5	7,98	13,75	346
12x0,75	26	10,05	165
12x1	19,5	10,80	200
12x1,5	13,3	11,75	256
12x2,5	7,98	14,80	409
14x0,75	26	10,70	188
14x1	19,5	11,55	229
14x1,5	13,3	12,60	295
14x2,5	7,98	15,90	473
16x0,75	26	11,40	216
16x1	19,5	12,30	263
16x1,5	13,3	13,40	338
16x2,5	7,98	16,95	542
19x0,75	26	12,10	247
19x1	19,5	13,05	301
19x1,5	13,3	14,25	389
19x2,5	7,98	18,05	627
24x0,75	26	13,50	307
24x1	19,5	14,55	374
24x1,5	13,3	15,90	484
24x2,5	7,98	20,20	784
30x0,75	26	14,90	376
30x1	19,5	16,10	461
30x1,5	13,3	17,60	598
30x2,5	7,98	22,35	968
37x0,75	26	16,30	456
37x1	19,5	17,60	559

**Dimensions**

Section (mm <sup>2</sup> )	Resistance at 20 °C (Ohm/km)	External Diameter (mm)	Weight (kg/km)
37x1,5	13,3	19,25	727
37x2,5	7,98	24,50	1.180