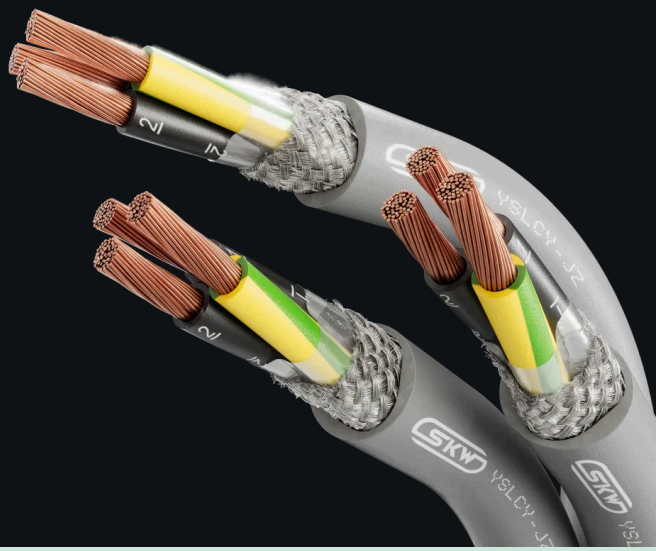
KONEKA

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# YSLCY

## PVC control cable, screened

As flexible control and connecting cable for fixed laying and flexible applications without tensile stress and/or without guided movements. Applicable in dry, damp and wet rooms, especially when excellent EMC characteristics are requested. Applicable for medium mechanical stress but not for outdoor use.



### TECHNICAL DATA

**Standard**
Based on VDE 0281

**Test Voltage**
4000 V / 50 Hz

**Rated Voltage**
300/500 V (Uo/U)

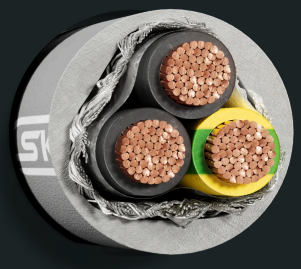
**Bending radius (min.)**
Fixed installation: 4 x Ø of cable
Flexible use: 15 x Ø of cable

**Fire properties**
EN 60332-1-2: self-extinguishing and flame retardant
CPR classification: Eca

**Core identification**
Black (continuously numbered), with green/yellow ground conductor from 3 cores (JZ) or without (OZ)

**Temperature range**
Fixed installation: -40°C up to 80°C
Flexible use: -5°C up to 70°C

### DESIGN



1. Bare copper conductors, fine wires class 5 according to DIN EN 60228 / VDE 0295 / IEC 60228
2. Core insulation of special compound based on polyvinyl chloride (PVC)
3. Cores are stranded in layers with optimal lay-length
4. Wrapping with plastic tape
5. Tinned copper wire braiding
6. Outer sheath of special compound based on polyvinyl chloride (PVC), colour: grey (RAL 7001) or black (RAL 9005)

| Number of cores x nominal cross-section ($mm^2$) | Outer diameter appr. (mm) | Cu-value (kg/km) | Total weight appr. (kg/km) |
|---|---|---|---|
| 2 x 0.5 | 5.6 | 36 | 45 |
| 3 x 0.5 | 6.1 | 43 | 56 |
| 4 x 0.5 | 6.7 | 49 | 68 |
| 5 x 0.5 | 7.3 | 57 | 80 |
| 7 x 0.5 | 7.9 | 59 | 100 |
| 10 x 0.5 | 9.5 | 92 | 143 |
| 12 x 0.5 | 10.4 | 104 | 160 |
| 14 x 0.5 | 11.0 | 116 | 180 |
| 16 x 0.5 | 11.5 | 129 | 202 |
| 21 x 0.5 | 12.8 | 159 | 252 |
| 25 x 0.5 | 14.5 | 211 | 318 |
| 30 x 0.5 | 15.3 | 238 | 363 |
| 34 x 0.5 | 16.3 | 270 | 420 |
| 40 x 0.5 | 17.3 | 297 | 465 |
| 50 x 0.5 | 19.6 | 362 | 575 |
| 61 x 0.5 | 20.8 | 424 | 675 |
| 2 x 0.75 | 6.5 | 43 | 63 |
| 3 x 0.75 | 7.0 | 52 | 65 |
| 4 x 0.75 | 9.5 | 61 | 79 |
| 5 x 0.75 | 7.6 | 72 | 95 |
| 7 x 0.75 | 8.2 | 89 | 120 |
| 8 x 0.75 | 9.0 | 100 | 134 |
| 10 x 0.75 | 10.5 | 121 | 168 |
| 12 x 0.75 | 10.9 | 138 | 190 |
| 16 x 0.75 | 12.1 | 174 | 241 |
| 18 x 0.75 | 12.7 | 211 | 268 |
| 21 x 0.75 | 13.7 | 237 | 319 |
| 25 x 0.75 | 15.2 | 280 | 377 |
| 34 x 0.75 | 17.0 | 357 | 497 |
| 44 x 0.75 | 19.2 | 448 | 600 |
| 50 x 0.75 | 20.6 | 496 | 695 |
| 61 x 0.75 | 23.0 | 619 | 720 |
| 2 x 1 | 6.5 | 51 | 63 |
| 3 x 1 | 6.9 | 62 | 76 |
| 4 x 1 | 7.5 | 74 | 94 |
| 5 x 1 | 8.2 | 88 | 110 |
| 7 x 1 | 8.9 | 112 | 141 |
| 10 x 1 | 11.4 | 152 | 202 |
| 12 x 1 | 11.8 | 174 | 232 |
| 14 x 1 | 12.4 | 217 | 259 |
| 16 x 1 | 13.0 | 241 | 305 |
| 18 x 1 | 14.2 | 268 | 342 |
| 21 x 1 | 15.0 | 302 | 386 |
| 25 x 1 | 17.0 | 354 | 464 |

| Number of cores x nominal cross-section (mm²) | Outer diameter appr. (mm) | Cu-value (kg/km) | Total weight appr. (kg/km) |
|---|---|---|---|
| 30 x 1 | 17.6 | 407 | 530 |
| 34 x 1 | 19.1 | 548 | 604 |
| 50 x 1 | 22.6 | 671 | 549 |
| 2 x 1.5 | 7.7 | 65 | 97 |
| 3 x 1.5 | 8.1 | 82 | 106 |
| 4 x 1.5 | 8.9 | 100 | 131 |
| 5 x 1.5 | 9.5 | 110 | 156 |
| 7 x 1.5 | 10.7 | 154 | 203 |
| 8 x 1.5 | 11.7 | 172 | 227 |
| 10 x 1.5 | 14.0 | 236 | 310 |
| 12 x 1.5 | 13.5 | 268 | 341 |
| 14 x 1.5 | 15.3 | 302 | 389 |
| 16 x 1.5 | 16.1 | 338 | 438 |
| 18 x 1.5 | 17.1 | 373 | 490 |
| 21 x 1.5 | 18.1 | 422 | 553 |
| 25 x 1.5 | 20.6 | 530 | 667 |
| 32 x 1.5 | 22.3 | 645 | 817 |
| 34 x 1.5 | 23.2 | 686 | 874 |
| 44 x 1.5 | 26.5 | 899 | 1139 |
| 50 x 1.5 | 27.8 | 1001 | 1269 |
| 61 x 1.5 | 29.4 | 1183 | 1490 |
| 2 x 2.5 | 8.5 | 91 | 101 |
| 3 x 2.5 | 9.0 | 119 | 148 |
| 4 x 2.5 | 10.7 | 149 | 190 |
| 5 x 2.5 | 11.0 | 179 | 222 |
| 7 x 2.5 | 12.8 | 254 | 298 |
| 3 x 4 | 10.9 | 172 | 207 |
| 4 x 4 | 12.0 | 239 | 251 |
| 5 x 4 | 13.5 | 288 | 340 |
| 4 x 6 | 14.3 | 334 | 384 |
| 5 x 6 | 15.7 | 403 | 472 |
| 4 x 10 | 20.0 | 518 | 683 |
| 5 x 10 | 22.1 | 662 | 824 |
| 4 x 16 | 22.0 | 809 | 930 |
| 5 x 16 | 26.2 | 990 | 1203 |

Technical changes reserved. All figures are therefore without guarantee.



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