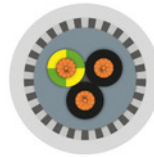


Steel wire braided control cable

YSLYSY-JZ/-OZ



Application: Steel wire-reinforced, universal measurement and control cable in mechanical and plant engineering indoors. The cable is largely oil-resistant. Not suitable for constant motion.

Construction and technical data:

| | |
|--|---------------------------------------|
| CPR-classification according to EN 50575: | Eca |
| Conductor material: | copper, bare |
| Conductor construction: | Class 5 = flexible |
| Insulation: | PVC YI2 |
| Material inner sheath: | PVC YM2 |
| Armour: | round or flat steel wires, galvanized |
| Sheathing material: | PVC YM2 |
| Colour of outer sheath: | transparent |
| Flame-retardant: | VDE 0482-332-1-2/IEC 60332-1-2 |
| Oil-resistant: | yes |
| Max. temperature at conductor, °C: | 70 °C |
| Permitted outer cable temperature, fixed, °C: | -40 - +70 °C |
| Permitted outer cable temperature, moved, °C: | -5 - +70 °C |
| Bending radius, fixed installation: | 6 x Ø |
| Bending radius, moving application: | 20 x Ø |



The products and information presented here are for technical calculation only. They are subject to technical progress and in no way represent the ability of shipment. Outer diameters are approximately.

YSLYSY-JZ**Nominal voltage U_o:** 300 V**Nominal voltage U:** 500 V**Protective conductor:** yes**Core identification:** green-yellow + numbers

| part no. | part name | RI [Ohm/km] | Ø [mm] | Cu | G [kg] |
|----------|-----------|-------------|--------|-------|--------|
| 033015 | 03X0.5 | 39 | 8.6 | 15 | 99 |
| 033016 | 04X0.5 | 39 | 9.1 | 19.2 | 111 |
| 033017 | 05X0.5 | 39 | 9.8 | 24 | 127 |
| 033018 | 07X0.5 | 39 | 11.2 | 34 | 157 |
| 033019 | 10X0.5 | 39 | 13.1 | 48 | 204 |
| 033020 | 12X0.5 | 39 | 13.9 | 58 | 230 |
| 033021 | 14X0.5 | 39 | 15.2 | 67 | 243 |
| 033022 | 18X0.5 | 39 | 15.8 | 86.4 | 324 |
| 033023 | 21X0.5 | 39 | 17 | 101 | 349 |
| 033024 | 25X0.5 | 39 | 19.3 | 120 | 413 |
| 033025 | 30X0.5 | 39 | 19.8 | 144 | 443 |
| 033026 | 35X0.5 | 39 | 20 | 168 | 502 |
| 033027 | 40X0.5 | 39 | 21.5 | 192 | 611 |
| 033028 | 42X0.5 | 39 | 21.8 | 202 | 598 |
| 033029 | 50X0.5 | 39 | 22.8 | 240 | 695 |
| 033030 | 61X0.5 | 39 | 24.1 | 293 | 819 |
| 033031 | 80X0.5 | 39 | 27.3 | 384 | 1044 |
| 033032 | 100X0.5 | 39 | 27.8 | 480 | 1240 |
| 033035 | 03X0.75 | 26 | 8.5 | 22 | 110 |
| 031897 | 04X0.75 | 26 | 8.7 | 28.8 | 126 |
| 033036 | 05X0.75 | 26 | 10.9 | 36 | 164 |
| 033037 | 07X0.75 | 26 | 11.5 | 50.4 | 195 |
| 033038 | 08X0.75 | 26 | 13 | 58 | 232 |
| 033039 | 09X0.75 | 26 | 12.4 | 65 | 237 |
| 033040 | 10X0.75 | 26 | 14.8 | 72 | 276 |
| 032026 | 12X0.75 | 26 | 15.3 | 86 | 292 |
| 033041 | 15X0.75 | 26 | 15.9 | 108 | 340 |
| 033042 | 18X0.75 | 26 | 17.5 | 130 | 378 |
| 033043 | 21X0.75 | 26 | 18.4 | 151 | 440 |
| 033044 | 25X0.75 | 26 | 20.3 | 180 | 523 |
| 033045 | 32X0.75 | 26 | 22.2 | 230 | 643 |
| 033046 | 34X0.75 | 26 | 19.8 | 245 | 655 |
| 033047 | 41X0.75 | 26 | 21 | 296 | 723 |
| 033048 | 50X0.75 | 26 | 27.5 | 360 | 866 |
| 033049 | 61X0.75 | 26 | 28.8 | 439 | 1014 |
| 033051 | 03X1 | 19.5 | 9.8 | 29 | 131 |
| 033052 | 04X1 | 19.5 | 10.2 | 38.4 | 161 |
| 031606 | 05X1 | 19.5 | 11.1 | 48 | 164 |
| 033053 | 06X1 | 19.5 | 12.1 | 58 | 223 |
| 033054 | 07X1 | 19.5 | 12.1 | 67 | 220 |
| 033055 | 08X1 | 19.5 | 13.5 | 77 | 261 |
| 033056 | 09X1 | 19.5 | 14.5 | 86 | 283 |
| 033057 | 12X1 | 19.5 | 15.6 | 115.2 | 347 |
| 033058 | 14X1 | 19.5 | 17.6 | 134.4 | 395 |
| 033059 | 18X1 | 19.5 | 18.3 | 173 | 426 |
| 033060 | 20X1 | 19.5 | 20.3 | 192 | 496 |
| 033061 | 25X1 | 19.5 | 21.6 | 240 | 616 |
| 033062 | 34X1 | 19.5 | 24 | 326.4 | 804 |

| part no. | part name | RI [Ohm/km] | Ø [mm] | Cu | G [kg] |
|----------|-----------|-------------|--------|-------|--------|
| 033063 | 36X1 | 19.5 | 24.5 | 346 | 856 |
| 033064 | 41X1 | 19.5 | 25.1 | 394 | 935 |
| 033065 | 50X1 | 19.5 | 25.6 | 480 | 1058 |
| 033066 | 56X1 | 19.5 | 26.2 | 538 | 1215 |
| 033067 | 61X1 | 19.5 | 29.5 | 586 | 1428 |
| 033068 | 65X1 | 19.5 | 29.8 | 624 | 1463 |
| 033069 | 80X1 | 19.5 | 31.2 | 786 | 1767 |
| 033070 | 100X1 | 19.5 | 35.8 | 960 | 1940 |
| 031984 | 03X1.5 | 13.3 | 10.1 | 43 | 102 |
| 031604 | 04X1.5 | 13.3 | 10.4 | 58 | 173 |
| 031605 | 05X1.5 | 13.3 | 10.8 | 72 | 202 |
| 033071 | 06X1.5 | 13.3 | 11.6 | 87 | 272 |
| 031710 | 07X1.5 | 13.3 | 12.5 | 101 | 248 |
| 033072 | 08X1.5 | 13.3 | 15.8 | 115.2 | 334 |
| 033073 | 09X1.5 | 13.3 | 15.9 | 130 | 357 |
| 033074 | 10X1.5 | 13.3 | 16.4 | 144 | 417 |
| 033075 | 11X1.5 | 13.3 | 16.6 | 158 | 409 |
| 031607 | 12X1.5 | 13.3 | 17.1 | 173 | 396 |
| 033076 | 14X1.5 | 13.3 | 18.6 | 202 | 494 |
| 033077 | 18X1.5 | 13.3 | 20.5 | 259.2 | 605 |
| 032634 | 25X1.5 | 13.3 | 20.9 | 360 | 752 |
| 033078 | 32X1.5 | 13.3 | 25.3 | 461 | 955 |
| 033079 | 34X1.5 | 13.3 | 26.7 | 490 | 1038 |
| 033080 | 42X1.5 | 13.3 | 30.8 | 605 | 1311 |
| 033081 | 50X1.5 | 13.3 | 32.3 | 720 | 1433 |
| 033082 | 61X1.5 | 13.3 | 33.5 | 878.4 | 1755 |
| 033083 | 80X1.5 | 13.3 | 36.7 | 1152 | 2258 |
| 033084 | 100X1.5 | 13.3 | 41 | 1440 | 2706 |
| 033086 | 03X2.5 | 7.98 | 11.5 | 72 | 226 |
| 033087 | 05X2.5 | 7.98 | 13.7 | 120 | 324 |
| 031445 | 04X2.5 | 7.98 | 14.9 | 96 | 249 |
| 033088 | 07X2.5 | 7.98 | 15.2 | 168 | 399 |
| 033089 | 12X2.5 | 7.98 | 19.7 | 288 | 643 |
| 033090 | 14X2.5 | 7.98 | 18.9 | 336 | 750 |
| 033091 | 18X2.5 | 7.98 | 21.5 | 432 | 846 |
| 033092 | 20X2.5 | 7.98 | 22.6 | 480 | 1169 |
| 031937 | 25X2.5 | 7.98 | 25.5 | 600 | 1093 |
| 033093 | 30X2.5 | 7.98 | 26.7 | 720 | 1686 |
| 033094 | 34X2.5 | 7.98 | 28.7 | 816 | 1869 |
| 033095 | 50X2.5 | 7.98 | 34.3 | 1200 | 2200 |
| 033096 | 61X2.5 | 7.98 | 37.7 | 1464 | 3000 |
| 033097 | 03X4 | 4.95 | 13.7 | 117 | 321 |
| 031444 | 04X4 | 4.95 | 13.9 | 153.6 | 348 |
| 033098 | 05X4 | 4.95 | 16.3 | 192 | 470 |
| 033099 | 07X4 | 4.95 | 17.8 | 269 | 591 |
| 033100 | 11X4 | 4.95 | 22 | 422 | 1204 |
| 033101 | 04X6 | 3.3 | 17.1 | 230.4 | 531 |
| 033102 | 05X6 | 3.3 | 18.8 | 288 | 631 |
| 033103 | 07X6 | 3.3 | 20.7 | 403 | 770 |
| 033104 | 04X10 | 1.91 | 20.9 | 384 | 837 |
| 033105 | 05X10 | 1.91 | 23 | 480 | 993 |
| 033106 | 07X10 | 1.91 | 24.2 | 672 | 1281 |
| 033107 | 04X16 | 1.21 | 26.9 | 614 | 1396 |
| 033108 | 05X16 | 1.21 | 25.5 | 768 | 1740 |
| 033109 | 07X16 | 1.21 | 28 | 1075 | 2165 |

| part no. | part name | RI [Ohm/km] | Ø [mm] | Cu | G [kg] |
|----------|------------|-------------|--------|------|--------|
| 033110 | 04X25 | 0.78 | 32 | 960 | 1983 |
| 033111 | 05X25 | 0.78 | 37 | 1200 | 2423 |
| 033112 | 04X35 | 0.554 | 36 | 1344 | 2550 |
| 033113 | 05X35 | 0.554 | 41 | 1680 | 3143 |
| 033114 | 04X50 | 0.386 | 43 | 1920 | 3502 |
| 033115 | 05X50 | 0.386 | 43.2 | 2400 | 4248 |
| 033116 | 04X70 | 0.272 | 52 | 2688 | 4795 |
| 033117 | 05X70 | 0.272 | 53 | 3360 | 5880 |
| 033118 | 04X95 | 0.206 | 52 | 3648 | 6330 |
| 033119 | 05X95 | 0.206 | 56.4 | 4560 | 8071 |
| 033120 | 04X120 | 0.161 | 56.3 | 4608 | 8170 |
| 033121 | 04X150 | 0.129 | 63.5 | 5760 | 9970 |
| 031330 | 07X0.75 GY | 26 | 11.5 | 50.4 | 172 |
| 031331 | 25X0.75 GY | 26 | 20.3 | 180 | 465 |
| 031329 | 04X1 GY | 19.5 | 10.2 | 38.4 | 141 |
| 031431 | 25X1 GY | 19.5 | 21.6 | 240 | 548 |

YSLYSY-OZ

| | |
|---------------------------------------|---------|
| Nominal voltage U_o: | 300 V |
| Nominal voltage U: | 500 V |
| Protective conductor: | no |
| Core identification: | numbers |

| part no. | part name | RI [Ohm/km] | Ø [mm] | Cu | G [kg] |
|----------|-----------|-------------|--------|------|--------|
| 033014 | 02X0.5 | 39 | 8.3 | 10 | 89 |
| 033034 | 02X0.75 | 26 | 8.4 | 14.4 | 104 |
| 033050 | 02X1 | 19.5 | 9.1 | 19.2 | 115 |
| 032650 | 02X1.5 | 13.3 | 9.5 | 29 | 149 |
| 033085 | 02X2.5 | 7.98 | 11 | 48 | 200 |

| | |
|----|------------------------|
| RI | Conductor resistance |
| Ø | outer diameter approx. |
| Cu | Copper weight (GER) |
| G | net weight per 1000 |