

Control cable YSLY 600



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|--|------------------------------|
| conductor material: | bare copper |
| conductor construction: | fine stranded, class 5 |
| insulation: | PVC |
| sheathing material: | special PVC-compound |
| colour of outer sheath: | black |
| flame retardant: | VDE 0482-332-1-2/IEC 60332-1 |
| oil resistant: | EN 60811-2-1 |
| maximum temperature at conductor: | 70 °C |
| max. operating temperature, fixed: | -20 - +70 °C |
| temperature, moved/during installation: | -5 - +70 °C |
| bending radius, fixed installation: | 4 x DA |

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|---------------------------------------|--------------------|--------------------|
| | <i>YSLY-JZ 600</i> | <i>YSLY-OZ 600</i> |
| nominal voltage U₀: | 600 V | 600 V |
| nominal voltage U: | 1 kV | 1 kV |
| test voltage: | 4 kV | 4 kV |
| core identification: | gn-ye + numbers | numbers |

Application: Flexible power, process control and instrumentation cable for industry, machinery and outdoor environment. The cable is resistant against most usual chemicals, oil and grease.



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.

Table: Technical characteristics YSLY-JZ 600

| p/n | part name | R _l [Ω/km] | R _{bv} [mm] | D _A [mm] | Cu [kg/km] | G [kg] |
|--------|---------------------|--------------------------|-------------------------|------------------------|---------------|-----------|
| 033581 | YSLY-JZ 600 03X0,75 | 26 | 65,25 | 8,7 | 22 | 91 |
| 033582 | YSLY-JZ 600 04X0,75 | 26 | 69 | 9,2 | 29 | 120 |
| 033583 | YSLY-JZ 600 05X0,75 | 26 | 74,25 | 9,9 | 36 | 134 |
| 033585 | YSLY-JZ 600 07X0,75 | 26 | 83,25 | 11,1 | 50,4 | 177 |
| 033589 | YSLY-JZ 600 12X0,75 | 26 | 100,5 | 13,4 | 86,4 | 248 |
| 033592 | YSLY-JZ 600 18X0,75 | 26 | 117 | 15,6 | 130 | 350 |
| 033595 | YSLY-JZ 600 25X0,75 | 26 | 141,75 | 18,9 | 180 | 478 |
| 033597 | YSLY-JZ 600 34X0,75 | 26 | 161,25 | 21,5 | 245 | 626 |
| 033601 | YSLY-JZ 600 42X0,75 | 26 | 174,75 | 23,3 | 302,4 | 760 |
| 033602 | YSLY-JZ 600 50X0,75 | 26 | 192 | 25,6 | 360 | 871 |
| 033603 | YSLY-JZ 600 61X0,75 | 26 | 211,5 | 28,2 | 439,2 | 1060 |
| 033608 | YSLY-JZ 600 03X1 | 19,5 | 67,5 | 9 | 29 | 98 |
| 033609 | YSLY-JZ 600 04X1 | 19,5 | 72 | 9,6 | 38,4 | 110 |
| 033610 | YSLY-JZ 600 05X1 | 19,5 | 78 | 10,4 | 48 | 136 |
| 033612 | YSLY-JZ 600 07X1 | 19,5 | 90,75 | 12,1 | 67,2 | 179 |
| 033616 | YSLY-JZ 600 12X1 | 19,5 | 108,75 | 14,5 | 115,2 | 287 |

| p/n | part name | R _l [Ω/km] | R _{bv} [mm] | D _A [mm] | Cu [kg/km] | G [kg] |
|--------|--------------------|--------------------------|-------------------------|------------------------|---------------|-----------|
| 033619 | YSLY-JZ 600 18X1 | 19,5 | 129,75 | 17,3 | 173 | 408 |
| 033623 | YSLY-JZ 600 25X1 | 19,5 | 158,25 | 21,1 | 240 | 567 |
| 033626 | YSLY-JZ 600 34X1 | 19,5 | 180 | 24 | 326,4 | 751 |
| 033633 | YSLY-JZ 600 50X1 | 19,5 | 213,75 | 28,5 | 480 | 1076 |
| 033640 | YSLY-JZ 600 03X1,5 | 13,3 | 75,75 | 10,1 | 43,2 | 122 |
| 033641 | YSLY-JZ 600 04X1,5 | 13,3 | 81 | 10,8 | 58 | 150 |
| 033477 | YSLY-JZ 600 05X1,5 | 13,3 | 87,75 | 11,7 | 72 | 176 |
| 032045 | YSLY-JZ 600 07X1,5 | 13,3 | 101,25 | 13,5 | 101 | 192 |
| 033647 | YSLY-JZ 600 12X1,5 | 13,3 | 124,5 | 16,6 | 173 | 363 |
| 031832 | YSLY-JZ 600 18X1,5 | 13,3 | 147,75 | 19,7 | 259,2 | 520 |
| 033653 | YSLY-JZ 600 25X1,5 | 13,3 | 179,25 | 23,9 | 360 | 740 |
| 033660 | YSLY-JZ 600 61X1,5 | 13,3 | 276 | 36,8 | 878,4 | 1680 |
| 033665 | YSLY-JZ 600 03X2,5 | 7,98 | 84,75 | 11,3 | 72 | 176 |
| 033666 | YSLY-JZ 600 04X2,5 | 7,98 | 91,5 | 12,2 | 96 | 209 |
| 033478 | YSLY-JZ 600 05X2,5 | 7,98 | 99,75 | 13,3 | 120 | 252 |
| 033667 | YSLY-JZ 600 07X2,5 | 7,98 | 114 | 15,2 | 168 | 335 |
| 033669 | YSLY-JZ 600 12X2,5 | 7,98 | 140,25 | 18,7 | 288 | 544 |
| 033671 | YSLY-JZ 600 18X2,5 | 7,98 | 165 | 22 | 432 | 788 |
| 033673 | YSLY-JZ 600 25X2,5 | 7,98 | 201,75 | 26,9 | 600 | 1101 |
| 033681 | YSLY-JZ 600 04X4 | 4,95 | 105 | 14 | 154 | 311 |
| 033682 | YSLY-JZ 600 05X4 | 4,95 | 114,75 | 15,3 | 192 | 398 |
| 033683 | YSLY-JZ 600 07X4 | 4,95 | 126 | 16,8 | 269 | 524 |
| 033687 | YSLY-JZ 600 04X6 | 3,3 | 117,75 | 15,7 | 230,4 | 429 |
| 033688 | YSLY-JZ 600 05X6 | 3,3 | 134,25 | 17,9 | 288 | 602 |
| 033689 | YSLY-JZ 600 07X6 | 3,3 | 147,75 | 19,7 | 403,2 | 802 |
| 033691 | YSLY-JZ 600 04X10 | 1,91 | 146,25 | 19,5 | 384 | 759 |
| 033692 | YSLY-JZ 600 05X10 | 1,91 | 172,5 | 23 | 480 | 927 |
| 033693 | YSLY-JZ 600 07X10 | 1,91 | 187,5 | 25 | 672 | 1293 |
| 033695 | YSLY-JZ 600 04X16 | 1,21 | 164,25 | 21,9 | 614,4 | 1093 |
| 033479 | YSLY-JZ 600 05X16 | 1,21 | 202,5 | 27 | 768 | 1583 |
| 033696 | YSLY-JZ 600 07X16 | 1,21 | 231 | 30,8 | 1075 | 1873 |
| 033698 | YSLY-JZ 600 04X25 | 0,78 | 225 | 30 | 960 | 1593 |
| 033699 | YSLY-JZ 600 05X25 | 0,78 | 253,5 | 33,8 | 1200 | 2040 |
| 033700 | YSLY-JZ 600 07X25 | 0,78 | 372,75 | 49,7 | 1680 | 2850 |
| 033702 | YSLY-JZ 600 04X35 | 0,554 | 247,5 | 33 | 1344 | 2390 |
| 033703 | YSLY-JZ 600 05X35 | 0,554 | 276,75 | 36,9 | 1680 | 2887 |
| 033705 | YSLY-JZ 600 04X50 | 0,386 | 300 | 40 | 1920 | 3400 |
| 033706 | YSLY-JZ 600 05X50 | 0,386 | 315 | 42 | 2400 | 4361 |
| 033708 | YSLY-JZ 600 04X70 | 0,272 | 345 | 46 | 2736 | 4750 |
| 033709 | YSLY-JZ 600 05X70 | 0,272 | 352,5 | 47 | 3360 | 5807 |
| 033711 | YSLY-JZ 600 04X95 | 0,206 | 309 | 41,2 | 3648 | 6007 |
| 033713 | YSLY-JZ 600 04X120 | 0,161 | 487,5 | 65 | 4608 | 7483 |
| 033714 | YSLY-JZ 600 04X150 | 0,129 | 502,5 | 67 | 5760 | 8640 |
| 033715 | YSLY-JZ 600 04X185 | 0,106 | 510 | 68 | 7104 | 10380 |

Table: Technical characteristics YSLY-OZ 600

| p/n | part name | R _l [Ω/km] | D _A [mm] | Cu [kg/km] | G [kg] |
|--------|---------------------|--------------------------|------------------------|---------------|-----------|
| 033554 | YSLY-OZ 600 02X0,5 | 39 | 7 | 9,6 | 66 |
| 033580 | YSLY-OZ 600 02X0,75 | 26 | 8,3 | 14,4 | 81 |
| 034936 | YSLY-OZ 600 03X0,75 | 29 | 8,7 | 22 | 91 |
| 033607 | YSLY-OZ 600 02X1 | 19,5 | 8,6 | 19,2 | 84 |
| 033734 | YSLY-OZ 600 03X1 | 19,5 | 9 | 29 | 98 |
| 033639 | YSLY-OZ 600 02X1,5 | 13,3 | 9,6 | 29 | 103 |
| 033733 | YSLY-OZ 600 03X1,5 | 13,3 | 10,1 | 43,2 | 122 |
| 033664 | YSLY-OZ 600 02X2,5 | 7,98 | 10,8 | 48 | 152 |
| 034979 | YSLY-OZ 600 03X2,5 | 7,98 | 10,1 | 72 | 175 |
| 034980 | YSLY-OZ 600 04X2,5 | 7,98 | 12,2 | 96 | 182 |
| 033679 | YSLY-OZ 600 02X4 | 4,95 | 11,4 | 77 | 178 |

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|-----|------------------------------------|
| RI | conductor resistance |
| Rbv | bending radius, fixed installation |
| DA | outer diameter |
| Cu | copper |
| G | weight |