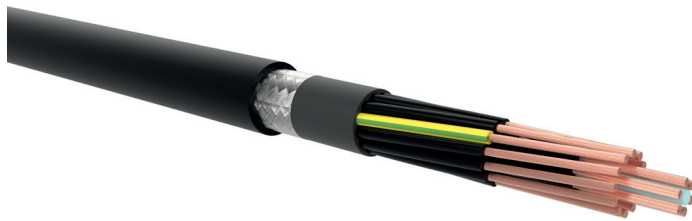


# YSLYCY-JZ or -OZ 600

PVC control cable, oil resistant, screened

## DESIGN



- 1 | Copper conductor, fine wire
- 2 | Core insulation (PVC)
- 3 | Inner sheath (PVC black)
- 4 | Screen (braided screen, tinned copper wires)
- 5 | Sheath (PVC black, UV and oil resistant)

## APPLICATION

Flexible power, process control and instrumentation cable for industry and machinery environment with specific EMC (electromagnetic compatibility) requirements. The cable is resistant to UV-irradiation, to most commonly used chemicals and to oil and grease. For indoor and outdoor application.

## TECHNICAL DATA



**Standard:**  
based on VDE 0281



**Rated voltage:**  
0.6/1 kV (U<sub>o</sub>/U)



**Test voltage:**  
4 kV / 50 Hz



**Temperature range:**  
fixed: -40 °C up to 70 °C  
moved: 5 °C up to 70 °C  
conductor temperature: max. 70 °C



**Bending radius (min.):**  
5 x Ø of cable (fixed installed)  
10 x Ø of cable (free motion)



**Core identification:**  
black with number printing, with one core green-yellow (JZ), without (OZ)



**Fire properties:**  
EN 60332-1-2: self-extinguishing and flame retardant  
CPR classification: E<sub>ca</sub>

Number of cores x nominal cross-section (mm <sup>2</sup> )	Max. conductor resistance (Ω/km)	Outer diameter (mm) appr.	Total weight (kg/km) appr.	Standard lengths/packing (m)
<b>YSLYCY-JZ or -OZ 600</b>				
2 x 0.75	26	8.7	143	500 Sp, 1000 Sp
2 x 1	19.5	9.0	162	500 Sp, 1000 Sp
2 x 1.5	13.3	10.5	174	500 Sp, 1000 Sp
3 x 0.75	26	9.3	155	500 Sp, 1000 Sp
3 x 1	19.5	10.0	196	500 Sp, 1000 Sp
3 x 1.5	13.3	10.9	187	500 D, 1000 D
3 x 2.5	7.98	13.0	326	500 D, 1000 D
4 x 0.75	26	10.2	214	500 D, 1000 D
4 x 1	19.5	10.7	231	500 D, 1000 D
4 x 1.5	13.3	12.2	265	500 D, 1000 D
4 x 2.5	7.98	14.0	379	500 D, 1000 D
4 x 4	4.95	15.8	557	500 D, 1000 D
4 x 16	1.21	26.0	1763	500 D, 1000 D
4 x 25	0.78	31.0	2750	500 D, 1000 D
5 x 0.75	26	11.0	250	500 D, 1000 D
5 x 1	19.5	11.5	270	500 D, 1000 D
5 x 1.5	13.3	13.0	256	500 D, 1000 D
5 x 2.5	7.98	15.7	372	500 D, 1000 D
5 x 6	3.3	18.9	984	500 D, 1000 D

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Number of cores x nominal cross-section (mm <sup>2</sup> )	Max. conductor resistance (Ω/km)	Outer diameter (mm) appr.	Total weight (kg/km) appr.	Standard lengths/ packing (m)
<b>YSLYCY-JZ or -OZ 600</b>				
7 x 0.75	26	12.0	319	500 D, 1000 D
7 x 1.5	19.5	14.0	416	500 D, 1000 D
7 x 2.5	13.3	16.1	590	500 D, 1000 D
12 x 1.5	13.3	17.0	641	500 D, 1000 D
12 x 2.5	7.98	21.5	737	500 D, 1000 D
18 x 0.75	26	17.5	588	500 D, 1000 D
25 x 0.75	26	20.7	746	500 D, 1000 D
25 x 1	19.5	21.0	870	500 D, 1000 D
25 x 1.5	13.3	25.0	1211	500 D, 1000 D

Technical changes reserved. All figures are therefore without guarantee.

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