

300/500V, YSLY – JZ/OZ PVC CONTROL FLEXIBLE CABLES



APPLICATION

The cable can be used in the construction of machine tools, plants, appliances, air conditioning, installations and power station installation in dry and damp rooms with medium mechanical force.

CONSTRUCTION

Fine copper strands, acc. to BS 6360, IEC60228, VDE 0295, class 5

PVC insulation

Insulation Colour: Black with continuous white number

Earth conductor green/yellow

PVC outer Jacket

Jacket colour: Grey

(JZ with green/yellow, OZ without green/yellow)

TECHNICAL DATA

Rated voltage: 300/500V

Test voltage: 2000V

Temperature: 70°C

Min. Bending radius: 4 x OD (fixed installation)
15 x OD (flexible installation)

Reference standard: DIN VDE 0281-13

No. of cores x Nominal Area (mm ²)	Outer diameter approx. (mm)	Cable Weight Approx. (kg/km)
2x0.5	5.1	35
3G0.5	5.4	42
4G0.5	5.8	50
5G0.5	6.6	64.3
7G0.5	7.1	82.1
8G0.5	8.2	102
10G0.5	9.3	126
12G0.5	9.5	136
14G0.5	9.8	164
16G0.5	10.5	185

No. of cores x Nominal Area (mm ²)	Outer diameter approx. (mm)	Cable Weight Approx. (kg/km)
18G0.5	11.6	202
21G0.5	12.5	246
25G0.5	13.3	264
30G0.5	14.2	334
34G0.5	15.0	367
35G0.5	15.6	381
2X0.75	5.7	46
3G0.75	5.9	54
4G0.75	6.5	66
5G0.75	7.0	79

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transmission of reliability & brightness



No. of cores x Nominal Area (mm ²)	Outer diameter approx. (mm)	Cable Weight Approx. (kg/km)
7G0.75	7.6	106
8G0.75	9.1	131
10G0.75	10.1	155
12G0.75	10.4	172
15G0.75	11.3	207
18G0.75	12.2	247
21G0.75	13.5	292
25G0.75	14.2	333
34G0.75	16.3	449
2x1.0	6.0	53
3G1.0	6.3	63
4G1.0	6.8	76
5G1.0	7.4	94
7G1.0	8.3	133
8G1.0	9.8	159
10G1.0	10.7	187
12G1.0	10.6	203
14G1.0	11.6	203
18G1.0	13.1	303
21G1.0	14.5	362
25G1.0	15.0	362
34G1.0	17.6	549
2x1.5	6.5	67
3G1.5	6.9	82
4G1.5	7.4	101
5G1.5	8.4	67
7G1.5	9.0	160
8G1.5	10.8	207
10G1.5	11.7	248
12G1.5	12.0	277
14G1.5	12.9	313
16G1.5	13.8	362

No. of cores x Nominal Area (mm ²)	Outer diameter approx. (mm)	Cable Weight Approx. (kg/km)
18G1.5	14.8	402
21G1.5	16.5	488
25G1.5	17.3	490
32G1.5	17.6	705
34G1.5	19.7	728
2x2.5	7.8	98
3G2.5	8.4	124
4G2.5	9.2	155
5G2.5	10.4	196
7G2.5	12.7	248
9G2.5	13.8	402
12G2.5	15.1	423
14G2.5	16.2	492
18G2.5	18.2	623
25G2.5	21.3	830
34G2.5	20.3	801
2x4	9.0	187
3G4	10.2	197
4G4	11.1	242
5G4	12.4	302
7G4	13.7	390
11G4	17.7	634
12G4	20.3	801
3G6	12.0	282
4G6	13.2	355
5G6	14.7	441
7G6	16.3	572
3G10	14.9	452
4G10	16.5	575
5G10	25.8	1318
3G25	23.2	1282
4G25	27.5	1540

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No. of cores x Nominal Area (mm ²)	Outer diameter approx. (mm)	Cable Weight Approx. (kg/km)
5G25	30.7	1914
7G25	34.3	2479
3G35	27.2	1688
4G35	31.5	2089
5G35	34.7	2545
3G50	31.5	2553
4G50	36.9	2962

No. of cores x Nominal Area (mm ²)	Outer diameter approx. (mm)	Cable Weight Approx. (kg/km)
3G70	39.6	3183
4G70	44.3	4206
3G95	44.0	4681
4G95	51.8	5621
3G120	47.8	5623
4G120	55.7	6828