



PVC INSULATED PVC SHEATHED CONTROL CABLE

YSLY-JZ/OZ

300 / 500V
70°C



CONSTRUCTION

Conductor	Finely stranded annealed copper conductor according to IEC 60228, class 5
Insulation	PVC compound
Insulation colour	JZ – Yellow / Green & Black with White numerals OZ – Black with White numerals
Sheath	PVC compound
Sheath colour	Grey unless specified otherwise

TECHNICAL DATA

Temperature range	-5°C up to 70°C
Nominal voltage	300 / 500V
Test voltage	2kV / 15min
Behaviour in fire	Flame retardant (self-extinguishing) according to IEC 60332-1-2
Absence of harmful substances	RoHS compliant



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Number and nominal cross-sectional area of conductors	Thickness of insulation Specified value	Thickness of Sheath Specified value	Approx. Overall diameter
no. / mm ²	mm	mm	mm
2 x 0.50	0.60	0.70	5.20
3 x 0.50	0.60	0.70	5.50
4 x 0.50	0.60	0.70	6.00
5 x 0.50	0.60	0.80	6.70
6 x 0.50	0.60	0.80	7.30
7 x 0.50	0.60	0.80	7.30
8 x 0.50	0.60	0.80	7.90
10 x 0.50	0.60	0.90	9.40
12 x 0.50	0.60	0.90	9.70
16 x 0.50	0.60	1.00	10.90
18 x 0.50	0.60	1.10	11.70
19 x 0.50	0.60	1.10	11.70
21 x 0.50	0.60	1.10	12.60
25 x 0.50	0.60	1.20	13.80
27 x 0.50	0.60	1.20	14.10
30 x 0.50	0.60	1.30	14.80
33 x 0.50	0.60	1.30	15.30
37 x 0.50	0.60	1.30	15.90
2 x 0.75	0.60	0.70	6.00
3 x 0.75	0.60	0.70	6.40
4 x 0.75	0.60	0.80	7.20
5 x 0.75	0.60	0.80	7.80
6 x 0.75	0.60	0.80	8.50
7 x 0.75	0.60	0.80	8.50
8 x 0.75	0.60	0.90	9.40
10 x 0.75	0.60	0.90	11.00
12 x 0.75	0.60	1.00	11.60
16 x 0.75	0.60	1.00	12.80
18 x 0.75	0.60	1.20	13.90
19 x 0.75	0.60	1.20	13.90
21 x 0.75	0.60	1.20	15.00
25 x 0.75	0.60	1.30	16.40
27 x 0.75	0.60	1.30	16.80
30 x 0.75	0.60	1.40	17.60
33 x 0.75	0.60	1.40	18.20
37 x 0.75	0.60	1.40	18.90

*Remark: Other custom cable core combinations available upon request



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no. / mm ²	mm	mm	mm
2 x 1.00	0.60	0.70	6.40
3 x 1.00	0.60	0.70	6.80
4 x 1.00	0.60	0.80	7.60
5 x 1.00	0.60	0.80	8.40
6 x 1.00	0.60	0.90	9.30
7 x 1.00	0.60	0.90	9.30
8 x 1.00	0.60	1.00	10.30
10 x 1.00	0.60	1.00	12.00
12 x 1.00	0.60	1.10	12.60
16 x 1.00	0.60	1.10	14.00
18 x 1.00	0.60	1.20	14.90
19 x 1.00	0.60	1.20	14.90
21 x 1.00	0.60	1.30	16.30
25 x 1.00	0.60	1.30	17.60
27 x 1.00	0.60	1.40	18.20
30 x 1.00	0.60	1.40	18.80
33 x 1.00	0.60	1.50	19.80
37 x 1.00	0.60	1.60	20.70
2 x 1.50	0.70	0.80	7.60
3 x 1.50	0.70	0.80	8.10
4 x 1.50	0.70	0.90	9.00
5 x 1.50	0.70	0.90	9.90
6 x 1.50	0.70	1.00	11.00
7 x 1.50	0.70	1.00	11.00
8 x 1.50	0.70	1.10	12.10
10 x 1.50	0.70	1.10	14.20
12 x 1.50	0.70	1.20	14.90
16 x 1.50	0.70	1.30	16.70
18 x 1.50	0.70	1.30	17.60
19 x 1.50	0.70	1.30	17.60
21 x 1.50	0.70	1.40	19.30
25 x 1.50	0.70	1.50	21.00

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Number and nominal cross-sectional area of conductors	Thickness of insulation Specified value	Thickness of Sheath Specified value	Approx. Overall diameter
no. / mm ²	mm	mm	mm
2 x 2.50	0.70	0.90	8.80
3 x 2.50	0.70	0.90	9.30
4 x 2.50	0.70	1.00	10.40
5 x 2.50	0.70	1.00	11.50
6 x 2.50	0.70	1.10	12.70
7 x 2.50	0.70	1.10	12.70
8 x 2.50	0.70	1.20	14.00
10 x 2.50	0.70	1.30	16.60
12 x 2.50	0.70	1.40	17.30
16 x 2.50	0.70	1.50	19.50
18 x 2.50	0.70	1.60	20.70
19 x 2.50	0.70	1.60	20.70
21 x 2.50	0.70	1.70	22.60
25 x 2.50	0.70	1.80	24.60
2 x 4.00	0.80	1.00	10.40
3 x 4.00	0.80	1.00	11.10
4 x 4.00	0.80	1.10	12.40
5 x 4.00	0.80	1.20	13.70
6 x 4.00	0.80	1.30	15.20
7 x 4.00	0.80	1.30	15.20
8 x 4.00	0.80	1.40	16.70
10 x 4.00	0.80	1.50	19.80
12 x 4.00	0.80	1.60	20.70

*Remark: Other custom cable core combinations available upon request

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Number and nominal cross-sectional area of conductors	Thickness of insulation Specified value	Thickness of Sheath Specified value	Approx. Overall diameter
no. / mm ²	mm	mm	mm
2 x 6.00	0.90	1.20	12.40
3 x 6.00	0.90	1.20	13.20
4 x 6.00	0.90	1.30	14.70
5 x 6.00	0.90	1.30	16.10
6 x 6.00	0.90	1.50	18.00
7 x 6.00	0.90	1.50	18.00
2 x 10.00	1.00	1.40	15.00
3 x 10.00	1.00	1.40	15.90
4 x 10.00	1.00	1.50	17.70
5 x 10.00	1.00	1.60	19.70
2 x 16.00	1.10	1.50	17.80
3 x 16.00	1.10	1.60	16.30
4 x 16.00	1.10	1.70	21.30
5 x 16.00	1.10	1.80	23.60

*Remark: Other custom cable core combinations available upon request