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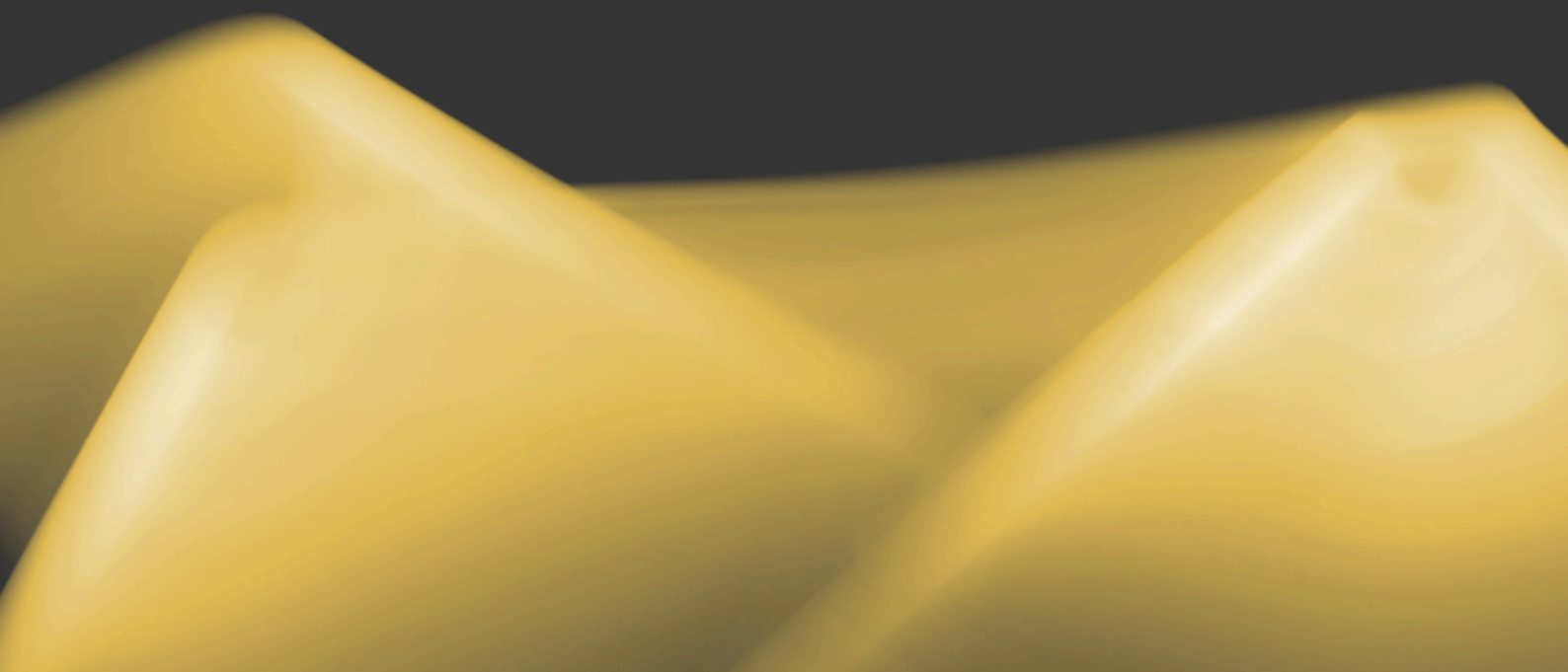
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Low Voltage Cables

Product Catalogue

YSLY-OZ/JZ YSLY-OB/JB

2024



CONSTRUCTION

Based on:	DIN-VDE 0245
Conductor:	Flexible fine copper wires according to IEC 60228 Class 5
Insulation:	PVC compound TI2 quality according to EN 50363-3
Outer Sheath:	PVC compound TM2 quality according to EN 50363-4-1
Nominal Voltage Uo/U:	300/500 V
Test Voltage:	4000 V
Rated Temperature:	-5°C – 60°C
Max Temperature:	70°C
Bending Radius:	6 x D (outer diameter)
Flame Retardant:	according to IEC 60332-1-2
Sheath Colour:	Grey



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APPLICATIONS

This is a flexible PVC cable resistant to flame and medium mechanical stress. It is suitable for use indoor covered and dry conditions. Installation is apt for signal and control applications.

CORE IDENTIFICATION

YSLY-OZ:	Black with white numbering	
YSLY-JZ:	Black with white numbering	Green-and-Yellow
YSLY-OB:	VDE 0293 HD 308	
YSLY-JB:	VDE 0293 HD 308	Green-and-Yellow

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DATASHEET

NOMINAL SIZE	GOLDBERG NUMBER	NOMINAL INSULATION THICKNESS	MEAN OVERALL DIAMETER	RESISTANCE OF CONDUCTOR AT 20°C
mm²		mm	mm	Ω/km
2 x 0.5	GB50250	0.40	4.5 – 5.5	39.0
2 x 0.75	GB50275	0.40	4.9 – 5.9	26.0
2 x 1	GB50210	0.50	5.6 – 6.6	19.5
2 x 1.5	GB50215	0.50	6.1 – 7.1	13.3
2 x 2.5	GB50225	0.60	7.6 – 8.6	7.98
2 x 4	GB50240	0.70	9.0 – 10.0	4.95
2 x 6	GB50260	0.70	10.9 – 5.5	3.30
3 x 0.5	GB50350	0.40	4.8 – 5.8	39.0
3 x 0.75	GB50375	0.40	5.2 – 6.2	26.0
3 x 1	GB50310	0.50	6.0 – 7.0	19.5
3 x 1.5	GB50315	0.50	6.5 – 7.5	13.3
3 x 2.5	GB50325	0.60	8.1 – 9.1	7.98
3 x 4	GB50340	0.70	99.3 – 10.9	4.95
3 x 6	GB50360	0.70	11.0 – 12.6	3.30
4 x 0.5	GB50450	0.40	5.2 – 6.2	39.0
4 x 0.75	GB50475	0.40	6.7 – 6.7	26.0
4 x 1	GB50410	0.50	6.6 – 7.6	19.5
4 x 1.5	GB50415	0.50	7.2 – 8.2	13.3
4 x 2.5	GB50425	0.60	8.9 – 9.9	7.98
4 x 4	GB50440	0.70	10.5 – 12.1	4.95
4 x 6	GB50460	0.70	12.2 – 13.8	3.30

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mm²		mm	mm	Ω/km
5 x 0.5	GB50550	0.4	5.7 – 6.7	39.0
5 x 0.75	GB50575	0.4	6.3 – 7.3	26.0
5 x 1	GB50510	0.5	7.2 – 8.2	19.5
5 x 1.5	GB50515	0.5	7.9 – 8.9	13.3
5 x 2.5	GB50525	0.6	9.6 – 11.2	7.98
5 x 4	GB50540	0.7	11.6 – 13.2	4.95
5 x 6	GB50560	0.7	13.9 – 15.5	3.30
6 x 0.5	GB50650	0.4	6.4 – 7.4	39.0
6 x 0.75	GB50675	0.4	7.0 – 8.0	26.0
6 x 1	GB50610	0.5	8.1 – 9.1	19.5
6 x 1.5	GB50615	0.5	8.8 – 9.8	13.3
6 x 2.5	GB50625	0.6	10.9 – 12.5	7.98
6 x 4	GB50640	0.7	13.2 – 14.8	4.95
7 x 0.5	GB50750	0.4	6.4 – 7.4	39.0
7 x 0.75	GB50775	0.4	7.0 – 8.0	26.0
7 x 1	GB50710	0.5	8.1 – 9.1	19.5
7 x 1.5	GB50715	0.5	8.8 – 9.8	13.3
7 x 2.5	GB50725	0.6	10.9 – 12.5	7.98
7 x 4	GB50740	0.7	13.2 – 14.8	4.95

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mm²		mm	mm	Ω/km
8 x 0.5	GB50850	0.4	7.0 – 8.0	39.0
8 x 0.75	GB50875	0.4	7.9 – 8.9	26.0
8 x 1	GB50810	0.5	8.9 – 9.9	19.5
8 x 1.5	GB50815	0.5	9.6 – 11.2	13.3
8 x 2.5	GB50825	0.6	12.0 – 13.6	7.98
9 x 0.5	GB50950	0.4	7.8 – 8.8	39.0
9 x 0.75	GB50975	0.4	8.5 – 9.5	26.0
9 x 1	GB50910	0.5	9.7 – 11.3	19.5
9 x 1.5	GB50915	0.5	10.6 – 12.2	13.3
9 x 2.5	GB50925	0.6	13.4 – 15.0	7.98
10 x 0.5	GB51050	0.4	8.3 – 9.3	39.0
10 x 0.75	GB51075	0.4	9.0 – 10.6	26.0
10 x 1	GB51010	0.5	10.4 – 12.0	19.5
10 x 1.5	GB51015	0.5	11.4 – 13.0	13.3
10 x 2.5	GB51025	0.6	14.4 – 16.0	7.98
12 x 0.5	GB51250	0.4	8.6 – 9.6	39.0
12 x 0.75	GB51275	0.4	9.3 – 10.9	26.0
12 x 1	GB51210	0.5	10.8 – 12.4	19.5
12 x 1.5	GB51215	0.5	11.8 – 13.4	13.3
12 x 2.5	GB51225	0.6	14.9 – 16.5	7.98

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mm²		mm	mm	Ω/km
14 x 0.5	GB51450	0.4	9.0 – 10.0	39.0
14 x 0.75	GB51475	0.4	9.8 – 11.4	26.0
14 x 1	GB51410	0.5	11.4 – 13.0	19.5
14 x 1.5	GB51415	0.5	12.5 – 14.1	13.3
14 x 2.5	GB51425	0.6	15.7 – 18.1	7.98
15 x 0.5	GB51550	0.4	9.4 – 11.0	39.0
15 x 0.75	GB51575	0.4	10.4 – 12.0	26.0
15 x 1	GB51510	0.5	12.0 – 13.6	19.5
15 x 1.5	GB51515	0.5	13.2 – 14.8	13.3
15 x 2.5	GB51525	0.6	16.8 – 19.2	7.98
16 x 0.5	GB51650	0.4	9.4 – 11.0	39.0
16 x 0.75	GB51675	0.4	10.4 – 12.0	26.0
16 x 1	GB51610	0.5	12.0 – 13.6	19.5
16 x 1.5	GB51615	0.5	13.2 – 14.8	13.3
16 x 2.5	GB51625	0.6	16.8 – 19.2	7.98
18 x 0.5	GB51850	0.4	10.1 – 11.7	39.0
18 x 0.75	GB51875	0.4	10.9 – 12.5	26.0
18 x 1	GB51810	0.5	12.7 – 14.3	19.5
18 x 1.5	GB51815	0.5	14.1 – 15.7	13.3
18 x 2.5	GB51825	0.6	17.8 – 20.2	7.98

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mm²		mm	mm	Ω/km
19 x 0.5	GB51950	0.4	10.1 – 11.7	39.0
19 x 0.75	GB51975	0.4	10.9 – 12.5	26.0
19 x 1	GB51910	0.5	12.7 – 14.3	19.5
19 x 1.5	GB51915	0.5	14.1 – 15.7	13.3
19 x 2.5	GB51925	0.6	17.8 – 20.2	7.98
21 x 0.5	GB52150	0.4	10.7 – 12.3	39.0
21 x 0.75	GB52175	0.4	11.8 – 12.3	26.0
21 x 1	GB52110	0.5	14.1 – 15.7	19.5
21 x 1.5	GB52115	0.5	15.4 – 17.0	13.3
21 x 2.5	GB52125	0.6	19.1– 21.5	7.98
24 x 0.5	GB52450	0.4	11.8 – 13.4	39.0
24 x 0.75	GB52475	0.4	13.0 – 14.6	26.0
24 x 1	GB52410	0.5	15.5 – 17.1	19.5
24 x 1.5	GB52415	0.5	16.6 – 19.0	13.3
24 x 2.5	GB52425	0.6	20.9 – 24.1	7.98
25 x 0.5	GB52550	0.4	12.1 – 13.7	39.0
25 x 0.75	GB52575	0.4	13.5 – 15.1	26.0
25 x 1	GB52510	0.5	15.2 – 17.9	19.5
25 x 1.5	GB52515	0.5	17.0 – 19.4	13.3
25 x 2.5	GB52525	0.6	21.4 – 24.6	7.98

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mm²		mm	mm	Ω/km
27 x 0.5	GB52750	0.4	12.3 – 13.9	39.0
27 x 0.75	GB52775	0.4	13.5 – 15.2	26.0
27 x 1	GB52710	0.5	14.5 – 17.9	19.5
27 x 1.5	GB52715	0.5	17.0 – 19.4	13.3
27 x 2.5	GB52725	0.6	21.4 – 24.6	7.98
32 x 0.5	GB53250	0.4	13.2 – 14.8	39.0
32 x 0.75	GB53275	0.4	14.8 – 16.4	26.0
32 x 1	GB53210	0.5	17.1 – 19.5	19.5
32 x 1.5	GB53215	0.5	18.7 – 21.0	13.3
32 x 2.5	GB53225	0.6	23.3 – 26.5	7.98
36 x 0.5	GB53650	0.4	13.9 – 15.5	39.0
36 x 0.75	GB53675	0.4	15.5 – 17.1	26.0
36 x 1	GB53610	0.5	17.8 – 20.2	19.5
36 x 1.5	GB53615	0.5	19.7 – 22.1	13.3
36 x 2.5	GB53625	0.6	24.3 – 27.5	7.98
37 x 0.5	GB53750	0.4	10.1 – 11.7	39.0
37 x 0.75	GB53775	0.4	13.9 – 17.1	26.0
37 x 1	GB53710	0.5	17.8 – 20.2	19.5
37 x 1.5	GB53715	0.5	19.7 – 22.1	13.3
37 x 2.5	GB53725	0.6	24.3 – 27.5	7.98

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