YSLY-JB



Application

These cables are used for flexible use for medium mechanical stresses with free movement, without tensile stress or forced movements in dry, moist and wet rooms but not suitable for open air, as measuring and control cables in tool machines, conveyor belts, production lines in machinery production, in air conditioning and in steel production. Version with black outer jacket available on request.

The materials used are free from silicon and cadmium and free from varnish damaging sustances.

Standards

adapted to DIN VDE 0245, 0285-525-2-31, 0293-308, 0295, self-extinguishing and flame retardant acc. to VDE 0482-332-1-2, DIN EN 60332-1-2, IEC 60332-1

CE = The product is conformed with the EC Low-Voltage Directive 2014/35/EU.

Construction

Inner Conductor	bare copper fine-stranded acc. DIN VDE 0295 cl. 5 / IEC 60228 cl. 5
Core Insulation	polyvinyl chloride (PVC)
Core Color	acc. to HD 308 S2
Stranding Elements	cores stranded in layers with optimal lay-length
Outer Insulation Material	polyvinyl chloride (PVC)
Constant Against	extensively oil resistant

Technical Data

Nominal Voltage	U_0/U: 300 /500 V
Nominal Volatage DC	U_0/U: 413 /825 V
Test Voltage	2500 V
Bending Radius moved (xD)	15
Bending Radius fixed (xD)	6
Operating Temperature solid	-30 °C bis 70 °C
Operating Temperature moving	-5 °C bis 70 °C
Fire Classes	Eca

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Steuerleitungen
Control Cables

Prod. Nr. Prod. Nr.	Option Option	Dimensions Dimensions	Color Color	Weight (kg/km) approx. Weight (kg/km) approx.	Outer-Diameter (mm) approx. Outer-Diameter (mm) approx.
00901293	JB	3 x 0,5	grey - grey	41,0	5,2
00901268	JB	3 x 0,75	grey - grey	53,0	5,5
00901259	JB	3 x 1	grey - grey	61,0	6,0
00901271	JB	3 x 1,5	grey - grey	80,0	6,8
00901260	JB	3 x 2,5	grey - grey	122,0	8,1
00901290	JB	3 x 4	grey - grey	180,0	9,6
00901346	JB	3 x 6	grey - grey	271,0	11,8
00901389	JB	3 x 10	grey - grey	540,0	15,0
00942059	JB	3 x 16	grey - grey	752,0	17,6
00901284	JB	3 x 35	grey - grey	1.300,0	26,0
00901285	JB	3 x 50	grey - grey	2.082,0	29,0
00901286	JB	3 x 70	grey - grey	2.712,0	33,5
00901356	JB	4 x 0,5	grey - grey	44,0	5,7
00901361	JB	4 x 0,75	grey - grey	61,0	6,2
00901313	JB	4 x 1	grey - grey	75,0	6,4
00901357	JB	4 x 1,5	grey - grey	97,0	7,4
00901314	JB	4 x 2,5	grey - grey	152,0	8,9
00901315	JB	4 x 4	grey - grey	227,0	10,6
00901316	JB	4 x 6	grey - grey	334,0	12,9
00901317	JB	4 x 10	grey - grey	529,0	15,6
00901363	JB	4 x 16	grey - grey	848,0	19,3
00901235	JB	4 x 25	grey - grey	1.267,0	23,8
00901238	JB	4 x 35	grey - grey	1.750,0	28,0
00901106	JB	4 x 50	grey - grey	2.497,0	34,6

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00901242	JB	4 x 70	grey - grey	3.351,0	39,0
00901244	JB	4 x 95	grey - grey	4.421,0	44,8
00901246	JB	4 x 120	grey - grey	5.592,0	49,5
00901343	JB	4 x 150	grey - grey	7.840,0	61,0
00942049	JB	4 x 185	grey - grey	9.904,0	65,8
00901360	JB	5 x 0,5	grey - grey	53,0	5,6
00901306	JB	5 x 0,75	grey - grey	67,0	6,8
00901359	JB	5 x 1	grey - grey	95,0	7,1
00901358	JB	5 x 1,5	grey - grey	119,0	8,4
00901155	JB	5 x 2,5	grey - grey	175,0	10,1
00901224	JB	5 x 4	grey - grey	271,0	11,9
00901318	JB	5 x 6	grey - grey	403,0	14,3
00901319	JB	5 x 10	grey - grey	668,0	17,8
00901233	JB	5 x 16	grey - grey	1.052,0	22,2
00901236	JB	5 x 25	grey - grey	1.630,0	27,2
00901239	JB	5 x 35	grey - grey	2.143,0	29,8
00901364	JB	5 x 50	grey - grey	3.336,0	37,2
00901365	JB	5 x 70	grey - grey	4.252,0	44,0
00901424	JB	5 x 95	grey - grey	5.931,0	49,2
00901379	JB	6 x 0,5	grey - grey	65,0	6,7
00901427	JB	6 x 1	grey - grey	125,0	8,0
00901296	JB	7 x 0,5	grey - grey	72,0	6,7
00901307	JB	7 x 0,75	grey - grey	95,0	7,3
00901308	JB	7 x 1	grey - grey	124,0	7,7

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00901276	JB	7 x 1,5	grey - grey	147,0	9,1
00901347	JB	7 x 2,5	grey - grey	235,0	11,3
00942066	JB	7 x 4	grey - grey	388,0	13,0
00901297	JB	8 x 0,5	grey - grey	72,0	7,0
00901298	JB	10 x 0,5	grey - grey	96,0	8,9
00901344	JB	10 x 0,75	grey - grey	130,0	10,6
00901391	JB	10 x 1	grey - grey	153,0	10,1
00901299	JB	12 x 0,5	grey - grey	111,0	9,0
00901334	JB	12 x 0,75	grey - grey	148,0	10,8
00901393	JB	12 x 1	grey - grey	188,0	10,8
00901340	JB	12 x 1,5	grey - grey	246,0	11,7
00901300	JB	14 x 0,5	grey - grey	131,0	9,4
00942054	JB	14 x 1	grey - grey	201,0	11,3
00901301	JB	16 x 0,5	grey - grey	145,0	10,0
00942055	JB	16 x 1	grey - grey	235,0	11,9
00901302	JB	18 x 0,5	grey - grey	162,0	11,7
00901303	JB	21 x 0,5	grey - grey	192,0	11,8
00901413	JB	24 x 0,5	grey - grey	254,0	12,4
00901328	JB	25 x 1	grey - grey	353,0	14,8
00901329	JB	25 x 1,5	grey - grey	506,0	16,8
00901330	JB	25 x 2,5	grey - grey	787,0	20,9
00901412	JB	40 x 0,5	grey - grey	342,0	15,4

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