



## **SY-JB control cable**

### **Standards**

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Generally to EN 50525-2-11, VDE

Flame retardant test to IEC 60332-1-2, VDE 0482-332-1-2, EN 60332-1-2

Flame propagation test to IEC 60332-3-24, VDE 0482-332-3-24, EN 60332-3-24

### **Description**

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SY-JB (OB) is an oil-resistant PVC power and control cable with a galvanized steel wire braid. Suitable for fixed or flexible applications.

### **Applications**

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SY-JB cables are used as measuring and control cables in tool machinery, plant installation, power stations and in data equipment. The braided screen offers best possible protection against mechanical damage. The galvanized coating on the steel wire braiding not only helps protect against corrosion, but also notably improves the soldering performance. The clear transparent outer sheath gives the cable in addition an optical reevaluation.

# Product Specifications



## Specification

Conductor	Class 5 plain annealed copper to EN 60228, IEC 60228, DIN VDE 0295
Insulation	PVC compound
Braid	Galvanised steel wire braiding
Sheath	Transparent PVC compound
Colour code	2core: Blue, Brown 3core: Blue, Brown and G/Y 4core: Brown, G/Y, Grey and Black 5core: Blue, Brown, G/Y, Grey and Black 7cores and above will become Black Number coded
Voltage	Nominal: 300/500V Test: 2000V
Temperature Range	-15 to +70°C
Min. Bending Radius. (flexible)	10 x cable OD

## Data Sheet

Size (mm)	Outer Diameter (mm)	Weight (Kg/km)
2x0.75	7.0±1.0	72
3x0.75	7.3±1.0	82
4x0.75	8.2±1.0	105
5x0.75	8.7±1.0	124
7x0.75	9.3±1.0	147



# Product Specifications

12x0.75	11.6±1.0	220
2x1.0	7.4±1.0	87
3x1.0	8.2±1.0	105
4x1.0	8.7±1.0	126
5x1.0	9.3±1.0	144
7x1.0	9.9±1.0	171
12x1.0	12.6±1.0	270
2x1.5	8.2±1.0	108
3x1.5	8.5±1.0	122
4x1.5	9.1±1.0	142
5x1.5	10.1±1.0	170
7x1.5	10.7±1.5	211
9x1.5	12.9±1.5	250
12x1.5	14.0±1.5	340
2x2.5	9.5±1.5	143
3x2.5	10.10±1.5	179
4x2.5	11.0±1.5	216
5x2.5	12.10±1.5	264
7x2.5	13.0±1.5	326
8x2.5	13.6±1.5	332
12x2.5	16.7±1.5	473
2x4	11.1±1.5	205
3x4	11.3±1.5	238
4x4	12.4±1.5	295
5x4	13.7±1.5	360
7x4	14.7±1.5	446
12x4	20.1±1.5	710



# Product Specifications

2x6	$12.7 \pm 1.5$	278
3x6	$13.3 \pm 1.5$	332
4x6	$14.3 \pm 1.5$	407
5x6	$15.7 \pm 1.5$	488
3x10	$16.0 \pm 1.5$	519
4x10	$17.6 \pm 1.5$	645
5x10	$19.4 \pm 1.5$	792
3x16	$19.0 \pm 1.5$	756
4x16	$20.9 \pm 2.0$	934
5x16	$23.0 \pm 2.0$	1164