

SY-JB Technical Data Sheet



Rated Voltage	Temperature Rating	Min. Bending Radius
Nominal: 300/500V Test: 2000V	-15 to +70°C	10 x cable OD

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
Standards:	Generally to EN 50525-2-11, VDE 0250 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

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
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

Size (mm)	Outer Diameter (mm)	Weight (Kg/km)
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
2x6	12.7 ± 1.5	278
3x6	13.3 ± 1.5	332
4x6	14.3 ± 1.5	407
5x6	15.7 ± 1.5	488
3x10	16.0 ± 1.5	519
4x10	17.6 ± 1.5	645
5x10	19.4 ± 1.5	792
3x16	19.0 ± 1.5	756
4x16	20.90 ± 2.0	934
5x16	23.0 ± 2.0	1164