

## YY JB/JZ Technical Data Sheet



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

<u>Conductor:</u>	Class 5 bare copper to EN 60228, IEC 60228 and VDE0295
<u>Insulation:</u>	PVC, also available in LSOH
<u>Sheath:</u>	PVC grey, also available in LSOH
<u>Colour code:</u>	(JZ) Black numbered plus a Green and Yellow earth. (JB) Coloured cores according to HD 308 S2
<u>Standards:</u>	Generally to BS 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 60332-3-24, VDE 0482-332-3-24, EN 60332-3-24

Size	Nominal outer diameter	Cooper content	Approximate weight
mm	mm	Kg/km	Kg/km
2x0.5	5.0 ± 1.0	9.6	39
3x0.5	5.4 ± 1.0	14.4	45
4x0.5	5.9 ± 1.0	19.2	55
5x0.5	6.5 ± 1.0	24.0	68
7x0.5	7.0 ± 1.0	33.6	76
8x0.5	8.0 ± 1.0	38.0	96
10x0.5	9.0 ± 1.0	48.0	115
12x0.5	9.8 ± 1.0	58.0	140
18x0.5	12.0 ± 1.0	86.0	195
2x0.75	5.4 ± 1.0	15.0	48
3x0.75	5.7 ± 1.0	22.0	58
4x0.75	6.2 ± 1.0	29.0	69

Size	Nominal outer diameter	Cooper content	Approximate weight
mm	mm	Kg/km	Kg/km
5x0.75	7.0 ± 1.0	36.0	86
7x0.75	7.6 ± 1.0	50.4	108
8x0.75	8.0 ± 1.0	58.0	115
12x0.75	9.7 ± 1.0	86.4	160
18x0.75	11.9 ± 1.0	130.0	230
2x1.0	5.7 ± 1.0	19.2	55
3x1.0	6.0 ± 1.0	29.0	67
4x1.0	6.7 ± 1.0	38.4	84
5x1.0	7.4 ± 1.0	48.0	103
7x1.0	8.0 ± 1.0	67.0	129
8x1.0	8.8 ± 1.0	76.8	135
10x1.0	10.6 ± 1.0	96.0	170
12x1.0	11.0 ± 1.0	115.6	200
18x1.0	112.8 ± 1.0	173.0	280
2x1.5	6.2 ± 1.0	29.0	69
3x1.5	6.8 ± 1.0	43.2	85
4x1.5	7.4 ± 1.0	58.0	107
5x1.5	8.5 ± 1.0	72.0	138
7x1.5	9.0 ± 1.0	101.0	160
8x1.5	9.9 ± 1.0	115.2	180
10x1.5	12 ± 1.0	144.0	225
12x1.5	12.3 ± 1.0	173.0	260
18x1.5	14.6 ± 1.0	259.2	380
2x2.5	7.8 ± 1.0	48.0	110
3x2.5	8.5 ± 1.0	72.0	138
4x2.5	9.3 ± 1.0	96.0	173
5x2.5	10.5 ± 1.0	120.0	214
7x2.5	11.5 ± 1.0	168.0	279
12x2.5	14.1 ± 1.0	288.0	390
18x2.5	18 ± 1.0	432.0	590
3x4	9.1 ± 1.0	115.0	182

Size	Nominal outer diameter	Cooper content	Approximate weight
mm	mm	Kg/km	Kg/km
4x4	10.2 ± 1.0	154.0	235
5x4	11.2 ± 1.0	192.2	285
7x4	13.4 ± 1.0	269.0	360
3x6	11.6 ± 1.0	173.0	296
4x6	13.5 ± 1.0	230.0	378
5x6	15.0 ± 1.0	288.0	465
3x10	14.5 ± 1.0	288.0	467
4x10	16.1 ± 1.0	384.0	584