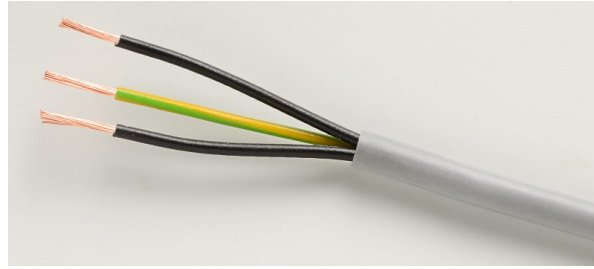


YY LSOH Technical Data Sheet



Temperature range (fixed installation)	Min. bending radius	Test voltage	Operating voltage
-30°C to +70°C	7.5 x cable OD	2000V	300/500V

<u>Conductor:</u>	Class 5, stranded electrolytic copper wire according to BS EN 60228:2005
<u>Insulation:</u>	Halogen free
<u>Colour code:</u>	OZ - Black numbered cores without Green/Yellow JZ - Black numbered cores with 1 Green/Yellow <u>OB/JB</u> 2 Core - Brown & Blue 3 Core - Brown, Blue & Green/Yellow 4 Core - Brown, Grey, Black & Green/Yellow 5 Core - Brown, Blue, Grey, Black & Green/Yellow
<u>Stranding:</u>	In layers of optimum pitch
<u>Sheath:</u>	Halogen free, Grey
<u>Standards:</u>	Smoke Density test according to IEC 61034-2 Corrosive gas test according to IEC 60754-2 Halogen Free test according to IEC 60754-1 <u>Flame propagation</u> Test on single cable to IEC 60332-1-2 Bunched cable to IEC 60332-3-24 (Cat. C)

Electrical specification

<u>Nom. conductor cross-section:</u> (mm)	0.75	1	1.5	2.5
<u>Max. conductor resistance:</u> (Ω/km)	26	19.5	13.3	7.98
<u>1kv min. insulation resistance test:</u> (mΩ/km)	20			

YY LSOH Technical Data Sheet

Size (mm)	Outer diameter (mm±5%)	Weight (kg/km)
2 x 0.75	5.40	47
3 x 0.75	5.70	48
4 x 0.75	6.20	59
5 x 0.75	6.80	73
2 x 1	5.80	54
3 x 1	6.10	57
4 x 1	6.60	70
5 x 1	7.40	91
7 x 1	8.00	114
12 x 1	10.60	189
18 x 1	12.50	279
2 x 1.5	6.20	68
3 x 1.5	6.60	72
4 x 1.5	7.40	94
5 x 1.5	8.10	116
7 x 1.5	8.70	148
12 x 1.5	11.60	246
18 x 1.5	13.70	365
2 x 2.5	7.40	101
3 x 2.5	7.90	110
4 x 2.5	8.60	139
5 x 2.5	9.50	173
7 x 2.5	10.40	228
12 x 2.5	13.90	381
18 x 2.5	16.40	567

YY LSOH Technical Data Sheet

Size (mm)	Outer diameter (mm±5%)	Weight (kg/km)
2 x 4	8.60	144
3 x 4	9.20	157
4 x 4	10.30	206
5 x 4	11.30	257
7 x 4	12.40	340
2 x 6	10.50	214
3 x 6	11.20	232
4 x 6	12.50	303
5 x 6	13.80	382
7 x 6	15.20	505
3 x 10	13.90	375
4 x 10	15.50	492
5 x 10	17.30	629
3 x 16	16.20	551
4 x 16	18.10	733
5 x 16	20.30	926