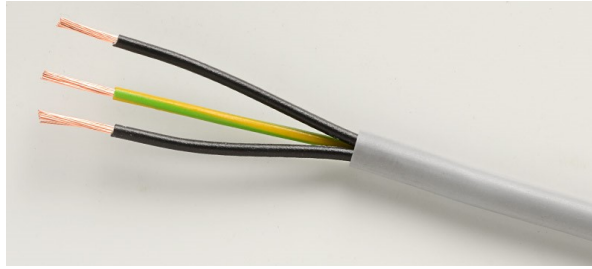


YY LSOH Technical Data Sheet



| | | | |
|---|------------------------|-----------------|----------------------|
| 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 & Brown 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 |