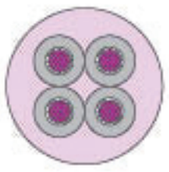
# YSLY-JZ AND YSLY-OZ FLEXIBLE CONTROL CABLES

## CONSTRUCTION

CONDUCTOR : Flexible circular plain annealed copper wires, Class 5
INSULATION : PVC compound Type TI 2
COLOUR OF CORES : YSLY - JZ - Green/Yellow (earth core) and Black with White numbering
YSLY - OZ - Black with White numbering
SHEATH : PVC compound Type TM 2, Grey colour



### Cu / Pvc / Pvc - Flexible Multi-core

| Number of cores | Nominal cross-sectional area | Max wire diameter in conductor | Thickness of insulation | Thickness of sheath | Approx. overall diameter | Approx. net weight |
|---|---|---|---|---|---|---|
| | sq.mm | mm | mm | mm | mm | kg/km |
| | | DIN VDE 0295, DIN VDE 0293 & DIN VDE 281 300 / 500 V | | | | |
| 2 | 1.5 | 0.26 | 0.5 | 0.8 | 6.8 | 74 |
| 3 | 1.5 | 0.26 | 0.5 | 0.8 | 7.2 | 92 |
| 4 | 1.5 | 0.26 | 0.5 | 0.8 | 7.9 | 114 |
| 5 | 1.5 | 0.26 | 0.5 | 0.8 | 8.7 | 141 |
| 7 | 1.5 | 0.26 | 0.5 | 1.0 | 9.8 | 186 |
| 8 | 1.5 | 0.26 | 0.5 | 1.0 | 11.4 | 229 |
| 9 | 1.5 | 0.26 | 0.5 | 1.0 | 12.3 | 267 |
| 12 | 1.5 | 0.26 | 0.5 | 1.2 | 13.1 | 322 |
| 14 | 1.5 | 0.26 | 0.5 | 1.2 | 13.8 | 367 |
| 18 | 1.5 | 0.26 | 0.5 | 1.4 | 15.8 | 484 |
| 25 | 1.5 | 0.26 | 0.5 | 1.6 | 18.7 | 594 |
| 3 | 2.5 | 0.26 | 0.6 | 0.9 | 8.8 | 144 |
| 4 | 2.5 | 0.26 | 0.6 | 0.9 | 9.7 | 180 |
| 5 | 2.5 | 0.26 | 0.6 | 0.9 | 10.6 | 221 |
| 7 | 2.5 | 0.26 | 0.6 | 1.2 | 12.2 | 297 |
| 12 | 2.5 | 0.26 | 0.6 | 1.2 | 15.8 | 528 |
| 18 | 2.5 | 0.26 | 0.6 | 1.6 | 19.4 | 798 |
| 25 | 2.5 | 0.26 | 0.6 | 1.6 | 22.6 | 1109 |

Note: YSLY control cables with cross-sectional area of 4mm$^2$ to 50mm$^2$ are available upon requst

# TPR INSULATED WELDING CABLES

## CONSTRUCTION

CONDUCTOR : Flexible Plain annealed copper conductor, Class 5 / Class 6
INSULATION : Thermoplastic rubber (TPR), 105°C
COLOUR OF INSULATION : Black, Orange or Other Colours.

### Cu / TPR - 1 Core

| Nominal cross-sectional area | Max wire diameter in conductor | Class of conductor | Thickness of insulation | Approx. overall diameter | Approx. net weight |
|---|---|---|---|---|---|
| sq.mm | mm | | mm | mm | kg/km |
| | | 100 V | | | |
| 10 | 0.21 | 6 | 2.0 | 8.7 | 159 |
| 16 | 0.21 | 6 | 2.0 | 9.9 | 228 |
| 25 | 0.21 | 6 | 2.0 | 11.4 | 331 |
| 35 | 0.21 | 6 | 2.0 | 12.9 | 449 |
| 50 | 0.31 | 6 | 2.2 | 14.9 | 626 |
| 70 | 0.31 | 6 | 2.4 | 17.5 | 881 |
| 95 | 0.31 | 6 | 2.6 | 19.8 | 1146 |
| 120 | 0.51 | 5 | 2.8 | 21.6 | 1420 |
| 150 | 0.51 | 5 | 3.0 | 24.0 | 1760 |
| 185 | 0.51 | 5 | 3.2 | 26.4 | 2160 |
| 240 | 0.51 | 5 | 3.4 | 29.8 | 2820 |

Reference: BS 638: Part 4