

## YSLY-JZ



### Areas of Use

These types of cables are used in office equipment, electronic control systems, air condition systems, power stations, engineering projects for control, vision and measurement purposes.

### Cable Construction

|                     |   |
|---------------------|---|
| Conductor           | Stranded Annealed Copper (IEC/EN 60228, Class 5)                                      |
| Insulation          | PVC (EN 50290-2-21, TSE K 373)  |
| Core Colors         | Black (white numbered) Green-Yellow earth core in the outer layer (3 cores and above) |
| Lay-up              | Cores are stranded in layers  |
| Outer Sheath        | PVC (EN 50290-2-22, EN 50363-4-1), RAL 7001 - Grey                                    |
| Reference Standards | TSE K 373   |

### Technical Properties

|                       |   |
|-----------------------|---|
| Operating Voltage     | 0.50 mm <sup>2</sup> ..1.50 mm <sup>2</sup> 300 V / 500 V; 2.50 mm <sup>2</sup> ..... 450 V / 750 V   |
| Test Voltage          | 2500 V  |
| Conductor Resistance  | 0.50 mm <sup>2</sup> - ≤39 Ω/km; 0.75 mm <sup>2</sup> - ≤26 Ω/km; 1.00 mm <sup>2</sup> - ≤19.5 Ω/km; 1.50 mm <sup>2</sup> - ≤13.3 Ω/km; 2.50 mm <sup>2</sup> - ≤7.98 Ω/km |
| Insulation Resistance | >200 M.Ωxkm   |
| Temperature Range     | Fixed: -30 °C .....+70 °C, Flexible: -5 °C .....+70 °C  |
| Flame Retardancy      | IEC/EN 60332-1  |
| Min. Bending Radius   | Fixed: 8 x Cable Diameter, Flexible: 15 x Cable Diameter  |

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