

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. These can be used in wet or dry indoor applications but for outdoor use, UV protected PVC must be used where the cable is exposed to sunlight.

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 mm²..1.50 mm² 300 V / 500 V; 2.50 mm²..... 450 V / 750 V |
| Test Voltage | 2500 V |
| Conductor Resistance | 0.50 mm²- ≤39 Ω/km; 0.75 mm²- ≤26 Ω/km; 1.00 mm²- ≤19.5 Ω/km; 1.50 mm²- ≤13.3 Ω/km; 2.50 mm²- ≤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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