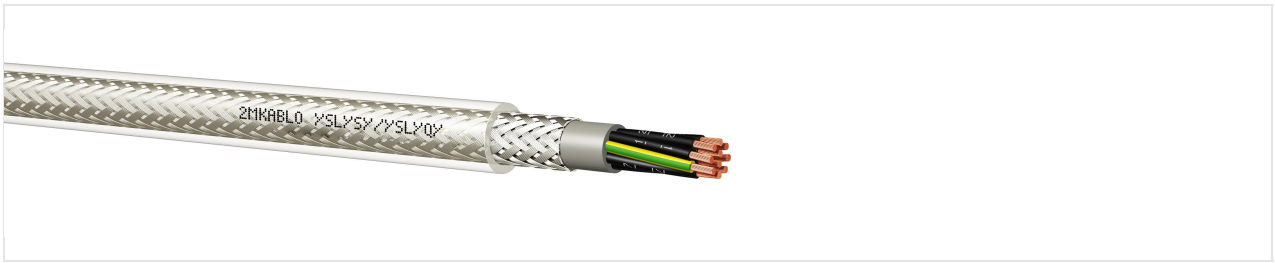
# YSLYSY / YSLYQY




## Areas of Use

These PVC cables (armored) 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. Armor; protect against mechanical traverse loads and act as a magnetic screen against interference.

## 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 |
| **Inner Sheath** | PVC (EN 50290-2-22, EN 50363-4-1) |
| **Armour** | Galvanised Steel Wire Braid |
| **Outer Sheath** | PVC (EN 50290-2-22, EN 50363-4-1), Transparent, RAL 7001 - Grey (other colors upon request) |
| **Reference Standards** | With reference to VDE 0245 |

## 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** | 0.14 mm²- ≤138 Ω/km; 0.22 mm²- ≤85 Ω/km; 0.25 mm²- ≤77.8 Ω/km; 0.34 mm²- ≤56 Ω/km; 0.50 mm²- ≤39 Ω/km; 0.75 mm²- ≤26Ω/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: 10 x Cable Diameter, Flexible: 15 x Cable Diameter |

**09.11.2026 11:57**

**Legal Warning:** The information in this catalog is for marketing purposes. 2M Kablo can change this catalog during product development and any requirements. 2M Kablo can always change designs, technical specifications, images and other informations in this catalog without any notice.This catalog is only a guide and is valid at the time of download, not valid for an offer or contract.
If you need more information about the products in this catalog, please contact us via info@2mkablo.com or call +90 (212) 222 8250.