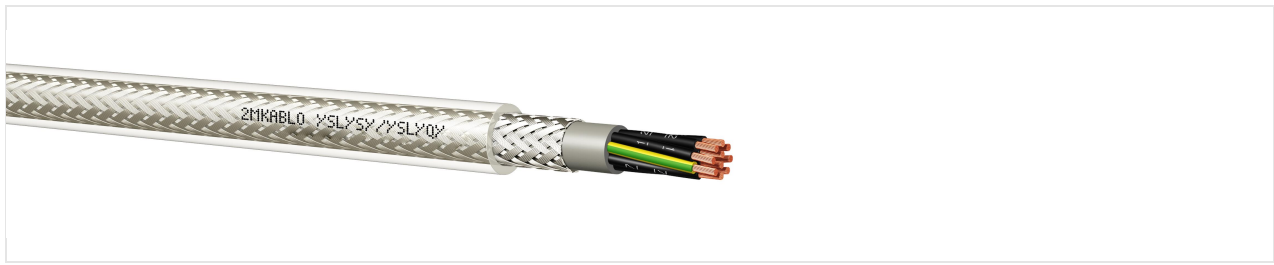


## YSLYSY / YSLYQY



### 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

<b>Conductor</b>	Stranded Annealed Copper (IEC/EN 60228, Class 5)
<b>Insulation</b>	PVC (EN 50290-2-21, TSE K 373)
<b>Core Colors</b>	Black (white numbered) Green-Yellow earth core in the outer layer (3 cores and above)
<b>Lay-up</b>	Cores are stranded in layers
<b>Inner Sheath</b>	PVC (EN 50290-2-22, EN 50363-4-1)
<b>Armour</b>	Galvanised Steel Wire Braid
<b>Outer Sheath</b>	PVC (EN 50290-2-22, EN 50363-4-1), Transparent, RAL 7001 - Grey (other colors upon request)
<b>Reference Standards</b>	With reference to VDE 0245

### Technical Properties

<b>Operating Voltage</b>	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
<b>Test Voltage</b>	2500 V
<b>Conductor Resistance</b>	0.14 mm <sup>2</sup> - ≤138 Ω/km; 0.22 mm <sup>2</sup> - ≤85 Ω/km; 0.25 mm <sup>2</sup> - ≤77.8 Ω/km; 0.34 mm <sup>2</sup> - ≤56 Ω/km; 0.50 mm <sup>2</sup> - ≤39 Ω/km; 0.75 mm <sup>2</sup> - ≤26Ω/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
<b>Insulation Resistance</b>	>200 M.Ωxkm
<b>Temperature Range</b>	Fixed: -30 °C .....+70 °C, Flexible: -5 °C .....+70 °C
<b>Flame Retardancy</b>	IEC/EN 60332-1
<b>Min. Bending Radius</b>	Fixed: 10 x Cable Diameter, Flexible: 15 x Cable Diameter

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