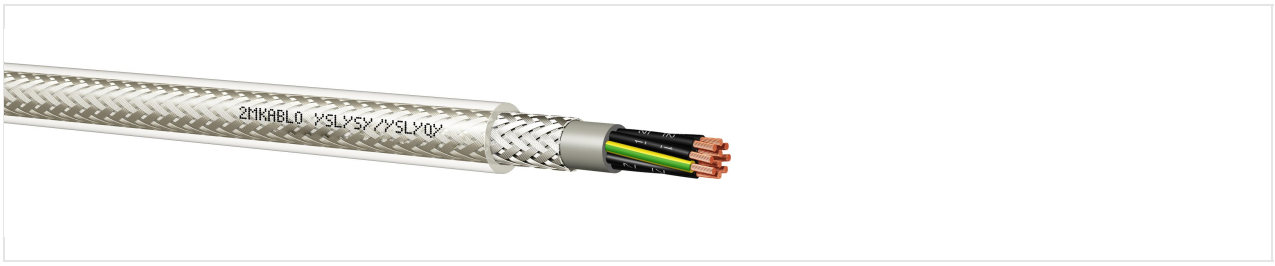
YSLYSY / YSLYQY



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

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