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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