

Single Core PVC Insulated Flexible Electrical Wire

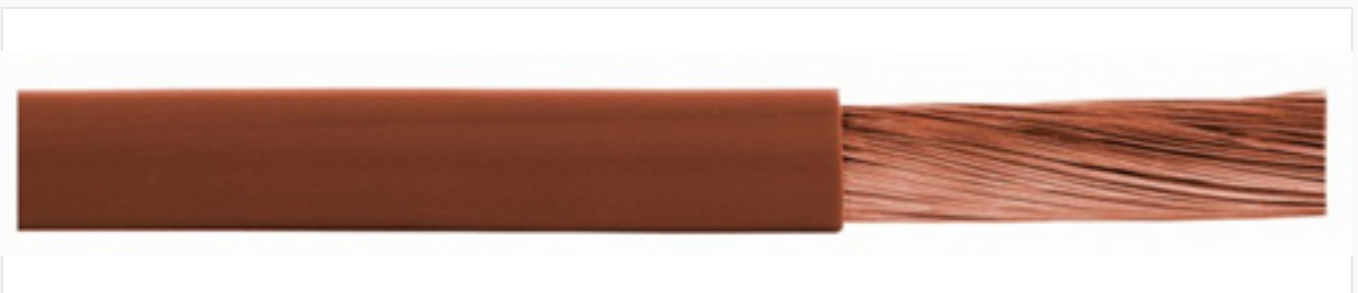
This single core PVC insulated flexible electrical wire is designed for internal wiring of appliances, switchboards and distribution boards. It is suitable for installation in conduit, on or under plaster and in closed installation ducts.



ADDITIONAL IMAGES



Product Overview

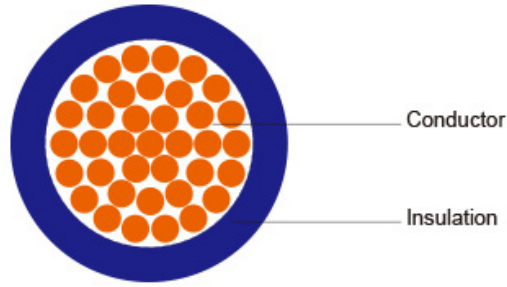


Flexible PVC insulated wire suitable for internal panel wiring and appliances.

High-Flexibility PVC Insulated Wiring

These single-core PVC insulated flexible electrical wires are designed for reliable internal wiring in appliances, instrumentation panels, and switchgear. Featuring a flexible annealed copper conductor, they offer ease of installation in tight spaces and complex configurations. They are manufactured to meet international standards including IEC 60227 and BS 6004, ensuring consistent performance for low-voltage applications.

Technical Specifications



Structure showing the flexible conductor core and PVC insulation layer.

Conductor Material	Plain annealed copper, strand class 5 (flexible)
Insulation Material	Soft PVC
Sheath Type	Non-Sheath
Available Colors	Red, Yellow, Blue, Green, Brown, Black, White, Grey, Yellow/Green

Performance Metrics

Voltage Rating (U0/U)

300 V

Small Size (0.5-1.0mm²)

450 V

Large Size (1.5-240mm²)

Operating Temperature	-15°C to +70°C (Customizable to 90°C/105°C)
Min. Bending Radius	5 x Outer Diameter

Compliance & Standards

Standards Compliance

- IEC 60227
- BS 6004
- GB/T 5023-2008
- JB/T 8734-2016

Logistics

Packaging Methods

100m Roll • Plastic Reel • Wooden Pallet • Wooden Drum