ANHUI FEICHUN SPECIAL CABLE CO., LTD.

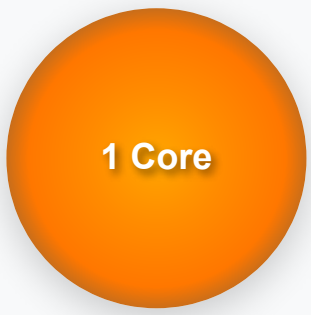
安徽飞纯特种电缆有限公司

TECHNICAL SPECIFICATION

Product Type: CABLE-EARTHING

PRODUCT DESCRIPTION

Single core flexible earthing cable designed for protective grounding and bonding applications in electrical installations. Manufactured with high-purity copper multi-strand conductors to ensure maximum conductivity and flexibility.



Cross-Sectional View

TECHNICAL SPECIFICATIONS

Cable Type	**EARTHING CABLE**
Number of Cores	**1 Core (Single Core)**
Conductor Size	**6 mm² (6 sq.mm)**
Conductor Material	**Copper Multi-Strand**
Conductor Class	**Class 5 - Flexible**
Conductor Type	Bare annealed copper wire, multi-stranded
Insulation Material	PVC (Polyvinyl Chloride) / Green-Yellow
Nominal Voltage	450/750V
Operating Temperature	-15°C to +70°C
Minimum Bending Radius	6 × Overall Cable Diameter

ELECTRICAL CHARACTERISTICS

Max DC Resistance at 20°C	3.08 Ω/km
Current Carrying Capacity	46A (at 30°C ambient temperature)

Conductor Compliance	IEC 60228 Class 5

KEY FEATURES

⚡ High Flexibility

Multi-strand copper construction provides excellent flexibility for easy installation in tight spaces and complex routing.

🔒 Reliable Grounding

Low resistance copper conductor ensures effective earthing and equipment protection.

🏭 Industrial Grade

Manufactured to stringent quality standards for demanding industrial and commercial applications.

🌡️ Temperature Resistant

PVC insulation rated for continuous operation up to 70°C with excellent mechanical properties.

APPLICATIONS

Suitable for protective earthing and bonding connections in:

- Electrical distribution panels and switchgear
- Industrial machinery and equipment grounding
- Building electrical installations
- Solar and renewable energy systems
- Control cabinets and enclosures
- Lightning protection systems

STANDARDS & COMPLIANCE

Manufacturing Standards:
- IEC 60227 - PVC insulated cables
- IEC 60228 - Conductors of insulated cables
- GB/T 5023 - Chinese National Standard
- RoHS Compliant - Environmental protection

QUALITY ASSURANCE

All cables are manufactured under ISO 9001 certified quality management system. Each production batch undergoes rigorous testing including conductor resistance, insulation resistance, high voltage withstand test, and dimensional verification to ensure consistent performance and reliability.

FEICHUN SPECIAL CABLES

飞纯电缆

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