



## Corona-resistance Enamelled Copper Winding Wire HEVW-220C with JIS Standard 220C Temperature Rating and Good Heat Resistance

Our Product Introduction

### Basic Information

- Place of Origin: China
- Brand Name: PEWSC
- Certification: UL, ROHS
- Model Number: HEVW-220C
- Minimum Order Quantity: The MOQ Varies According to the Size of the Specification
- Price: Copper Price plus Processing Fee plus Freight
- Packaging Details: Carton
- Delivery Time: 3-5 Work Days
- Payment Terms: T/T 100% Payment before Shipment
- Supply Ability: Delivery 10-15 Days after Next Order



### Product Specification

- Conductor Diameter: Customizable
- Standard: IEC, NEMA, JIS, Or GB
- Temperature Rating: 220°C
- Application: Drive Motor, Transformer
- Conductor: Oxygen Free Copper
- Color: Natural
- Shape: Flat
- Sample: Free
- Highlight: **JIS Standard Enamelled Copper Winding Wire, 220C Enamelled Copper Winding Wire, Corona Resistance Enamelled Copper Wire**



### More Images



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## Product Description

### 1. Mechanical Strength and Flexibility

**Robust Structure:** The wire maintains structural integrity during winding and handling, even in complex coil configurations.  
**Bendability:** It can be bent or shaped without cracking the enamel coating, adapting to various winding patterns in compact devices.

### 2. Superior Electrical Conductivity

**High - Purity Conductors:** Typically made from copper or aluminum with high electrical conductivity, it minimizes power loss and ensures efficient current transmission.

**Low Resistance:** The large cross - sectional area (for a given wire gauge) reduces ohmic resistance, making it suitable for high - current applications.

### 3. Special Geometric Shape

**Rectangular Cross - Section:** Unlike round wires, it has a flat and rectangular shape, which allows for more efficient space utilization in winding applications.

**Higher Fill Factor:** The flat design enables tighter packing in coils, increasing the number of turns per unit area and improving the power density of electrical devices (e.g., transformers, motors, and generators).

### 4. Environmental and Safety Features

**Lead - Free and RoHS Compliant:** Many enamelled flat wires comply with environmental standards, reducing harmful substance emissions.

**Flame Retardancy:** Some coatings offer flame - retardant properties, enhancing safety in critical applications.

In summary, enamelled flat wire combines efficient space utilization, reliable insulation, and high electrical performance, making it a preferred choice for advanced electrical and electronic designs that demand compactness and durability.







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