



240°C Corona-resistance Enamelled rectangular copper wires HEVW-240C in transformer for natural color

Our Product Introduction

Basic Information

- Place of Origin: China
- Brand Name: PEWSC
- Certification: UL,ROHS
- Model Number: HEVW-240C
- 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

- Color: Red
- Insulation Type: Single Layer
- Temperature Rating: 240°C
- Conductor Type: Solid
- Coating Material: Enamel
- Standard: IEC, NEMA, JIS, Or GB
- Insulation Material: Enameled
- Size: Customizable
- Highlight: **240°C Enamelled Rectangular Copper Wire, HEVW-240C Enamelled Rectangular Copper Wire**
,
Transformer Enamelled Rectangular Copper Wire



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Product Description

Enamelled flat wire, also known as rectangular enamelled wire, is a type of electrical conductor with a rectangular cross-section, coated with an insulating enamel layer. It is widely used in various electrical and electronic applications due to its unique characteristics. Here are the main features of enamelled flat wire:

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.

5. Space - Saving and Compact Design

Reduced Volume: The flat shape helps reduce the overall size and weight of electrical components, which is crucial for miniaturized electronics and high-density applications.

Improved Heat Dissipation: The larger surface area of the flat wire facilitates better heat dissipation, enhancing the thermal management of devices.

2. Versatility in Applications

Widely Used in Motors: Ideal for stator and rotor windings in electric motors, where space efficiency and high power output are essential.

Transformers and Inductors: Suitable for high-frequency transformers and inductors, minimizing core losses and improving energy efficiency.

Consumer Electronics: Used in compact devices like laptops, smartphones, and home appliances to save space and reduce weight.

3. Customization Options

Variable Dimensions: Available in various aspect ratios (width to thickness) to meet specific design requirements.

Coating Thickness: The enamel layer can be adjusted for different voltage ratings and insulation needs.

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.







Pacific Electric Wire & Cable (Shenzhen) Co., Ltd.



13265485132



sales09@pewsc.com



enamel-wire.com

