



Enameled Copper Clad Wire Supplies With High Breakdown Voltage Advantage

Our Product Introduction

Basic Information

- Place of Origin: China
- Brand Name: PEWSC
- Certification: UL
- Model Number: UEHN/UO
- Minimum Order Quantity: 300KG
- Price: It depends
- Packaging Details: Carton
- Delivery Time: 3-5 work days
- Payment Terms: Cash on payments
- Supply Ability: Delivery 10-15 Days after Next Order



Product Specification

- Conductor: Oxygen Free Copper
- Delivery: Timely Delivery Guaranteed
- Application: Electrical And Electronic Equipment
- Advantage: High Breakdown Voltage
- Temperature Rating: 180°C
- Insulation Thickness: 0.01mm-0.5mm
- Feature: Factory Supplies
- Usage: Winding Wire
- Highlight: **Enameled Copper Clad Wire Supplies,
Enameled Copper Clad Wire,
High Breakdown Voltage Enameled Copper Wire**



More Images



Product Description

Product Description:

The Enamelled Round Copper Wire is a high-quality product designed for various electrical and electronic applications. This wire is made of oxygen-free copper, ensuring excellent conductivity and durability. With a temperature rating of 180°C, it is suitable for use in a wide range of environments and applications.

One of the key features of this product is its factory supplies, guaranteeing consistent quality and availability. Whether for industrial or commercial purposes, this wire is a reliable choice for your electrical and electronic equipment needs.

The conductor resistance of the Enamelled Round Copper Wire depends on its size and temperature. This attribute makes it versatile and adaptable to different requirements, providing flexibility in various installations and setups.

When compared to Copper Clad Steel Wire, Copper Coated Steel Wire, and Copper Clad Wire, the Enamelled Round Copper Wire stands out for its superior conductivity and performance. Its pure copper construction ensures minimal signal loss and maximum efficiency in electrical transmission.

For electrical and electronic equipment applications, the Enamelled Round Copper Wire is a top choice due to its reliable performance, high temperature rating, and excellent conductor material. Whether you are working on power distribution systems, transformers, motors, or other electronic devices, this wire provides the conductivity and durability you need for a successful operation.

Overall, the Enamelled Round Copper Wire is a dependable and efficient solution for your wiring needs. With its oxygen-free copper conductor, factory supplies, and temperature rating of 180°C, this wire offers a reliable and high-performance option for various electrical and electronic applications.

Features:

Product Name: Enamelled Round Copper Wire

Usage: Winding Wire

Application: Electrical And Electronic Equipment

Insulation Thickness: 0.01mm-0.5mm

Temperature Rating: 180°C

Conductor: Oxygen Free Copper

Technical Parameters:

Application	Electrical And Electronic Equipment
Advantage	High Breakdown Voltage
Conductor	Oxygen Free Copper
Delivery	Timely Delivery Guaranteed
Feature	Factory Supplies
Insulation Thickness	0.01mm-0.5mm
Conductor Resistance	Depends On Size And Temperature
Temperature Rating	180°C
Usage	Winding Wire

Applications:

Enamelled Round Copper Wire, also known as Enameled Copper Wire or Copper Coated Steel Wire, is a versatile and essential product used in various electrical and electronic applications. As a product of PEWSC, model number UEHN/U0, originating from China, and with UL certification, this wire offers high quality and reliability for a wide range of scenarios.

The product application occasions and scenarios for Enamelled Round Copper Wire are extensive due to its unique features and advantages. Its high breakdown voltage makes it ideal for use in electrical and electronic equipment where reliable insulation is crucial.

The wire is commonly used as winding wire in transformers, motors, generators, and other electrical components.

With a minimum order quantity of 300KG, the Enamelled Round Copper Wire is suitable for both small-scale and large-scale projects.

The pricing of the wire depends on the quantity ordered, offering flexibility for different budgets. The packaging details include carton boxes for safe and secure transportation.

Customers can expect timely delivery guaranteed within 3-5 work days, with payment terms set at cash on payments. The supply ability ensures that orders will be delivered within 10-15 days after the next order is placed, providing convenience and efficiency for businesses.

One of the key advantages of using Enamelled Round Copper Wire is that it is factory supplied, ensuring consistent quality and performance. This makes it a preferred choice for manufacturers and industries that require high-quality materials for their products.

In conclusion, Enamelled Round Copper Wire from PEWSC is a reliable and efficient solution for various electrical and electronic applications. Its high breakdown voltage, factory supply, and UL certification make it a preferred choice for winding wire in electrical and electronic equipment. Whether for small projects or large-scale production, this wire offers durability and performance for a wide range of scenarios.



JIS---0	Unit mm
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Diameter of Conductor	Conductor Control Benchmarks		OD Control Benchmarks			Specification Boundaries		Conductor Resistance 20°C (Ω/KM)	Insulation breakdown voltage (v)	Min Elongation (%)		Max. Springiness (°)	Resistance to abrasion	
	Lower Limit	Upper Limit	Lower Limit	Median	Upper Limit	Min. Increase in Diameter (mm)	Max. Finished overall Diameter (mm)			JIS	AWG		Average	Minimum
0.06±0.003	0.059	0.061	0.0938	0.099	0.103	0.030	0.110	6966	2500	105	15	--	--	--
0.07±0.003	0.069	0.071	0.1038	0.110	0.113	0.030	0.120	4990	2500	107	17	--	--	--
0.08±0.003	0.079	0.081	0.1150	0.122	0.125	0.032	0.133	3778	3000	107	17	--	--	--
0.09±0.003	0.089	0.091	0.1250	0.133	0.135	0.032	0.143	2959	3000	108	18	--	--	--
0.10±0.008	0.098	0.101	0.1349	0.143	0.144	0.032	0.156	2647	3500	159	19	--	--	--
0.11±0.008	0.108	0.111	0.1449	0.154	0.154	0.032	0.166	2153	3500	159	19	--	--	--
0.12±0.008	0.118	0.121	0.1561	0.166	0.166	0.034	0.180	1786	3750	150	20	--	--	--
0.13±0.008	0.128	0.131	0.1621	0.177	0.176	0.034	0.190	1505	3750	150	20	--	--	--
0.14±0.008	0.138	0.141	0.1761	0.188	0.186	0.034	0.200	1286	3750	151	21	--	--	--
0.15±0.008	0.148	0.151	0.1861	0.199	0.196	0.034	0.210	1111	3750	151	21	--	--	--
0.16±0.008	0.158	0.161	0.1983	0.202	0.208	0.036	0.222	969.5	3750	152	22	--	--	--

0.17± 0.008	0.1 68	0.17 1	0.2 08	0. 2 1 3	0.21 8	0.036	0.232	853.5	3750	1 5	2 3	--	--	--
0.18± 0.008	0.1 78	0.18 1	0.2 20	0. 2 2 5	0.23 0	0.038	0.246	757.2	3800	1 5	2 3	--	--	--
0.19± 0.008	0.1 88	0.19 1	0.2 30	0. 2 3 5	0.24 0	0.038	0.256	676.2	3800	1 5	2 3	--	--	--
0.20± 0.008	0.1 98	0.20 1	0.2 40	0. 2 4 5	0.25 0	0.038	0.266	607.6	3800	1 5	2 4	--	--	--
0.21± 0.008	0.2 07	0.21 2	0.2 50	0. 2 5 5	0.26 0	0.038	0.276	549.0	3800	1 5	2 4	--	--	--
0.22± 0.008	0.2 17	0.22 2	0.2 60	0. 2 6 5	0.27 0	0.038	0.286	498.4	3800	1 5	2 4	--	--	--
0.23± 0.008	0.2 27	0.23 2	0.2 72	0. 2 7 7	0.28 2	0.040	0.298	454.5	3800	1 5	2 4	--	--	--
0.24± 0.008	0.2 37	0.24 2	0.2 82	0. 2 8 7	0.29 2	0.040	0.308	416.2	3800	1 5	2 4	--	--	--
0.25± 0.008	0.2 47	0.25 2	0.2 92	0. 2 9 7	0.30 2	0.040	0.318	382.5	3800	1 5	2 5	66	--	--
0.26± 0.010	0.2 57	0.26 2	0.3 02	0. 3 0 7	0.31 2	0.040	0.330	358.4	3800	1 5	2 5	66	5 1	4 7 9
0.27± 0.010	0.2 67	0.27 2	0.3 12	0. 3 1 7	0.32 2	0.040	0.340	331.4	3800	1 5	2 6	61	5 1	4 7 9
0.28± 0.010	0.2 77	0.28 2	0.3 22	0. 3 2 7	0.33 2	0.040	0.350	307.3	3800	1 5	2 6	61	5 1	4 7 9
0.29± 0.010	0.2 87	0.29 2	0.3 32	0. 3 3 7	0.34 2	0.040	0.360	285.7	3800	2 0	2 6	61	5 1	4 9 0
0.30± 0.010	0.2 97	0.30 2	0.3 44	0. 3 4 9	0.35 4	0.042	0.374	262.9	4200	2 0	2 6	61	5 2	5 1 0

0.32± 0.010	0.3 16	0.32 2	0.3 64	0. 3 6 9	0.37 4	0.042	0.394	230.0	4200	2 0	2 6	55	6 0 2	5 1 0
0.35± 0.010	0.3 46	0.35 2	0.3 94	0. 3 9 9	0.40 4	0.042	0.424	191.2	4200	2 0	2 7	50	6 1 2	5 2 0
0.37± 0.010	0.3 66	0.37 2	0.4 16	0. 4 2 1	0.42 6	0.044	0.446	170.6	4200	2 0	2 7	50	6 4 3	5 5 1
0.40± 0.010	0.3 96	0.40 2	0.4 48	0. 4 5 4	0.46 0	0.046	0.480	145.3	4200	2 0	2 7	76	6 8 3	5 8 1
0.45± 0.010	0.4 45	0.45 2	0.5 00	0. 5 0 6	0.51 2	0.048	0.532	114.2	4200	2 0	2 8	72	7 2 4	6 2 2
0.50± 0.010	0.4 95	0.50 2	0.5 52	0. 5 5 8	0.56 4	0.050	0.586	91.43	4500	2 0	2 8	67	7 6 5	6 5 3
0.55± 0.020	0.5 45	0.55 2	0.6 02	0. 6 0 8	0.61 4	0.050	0.646	78.15	4500	2 0	2 9	62	7 7 5	6 6 3
0.60± 0.020	0.5 95	0.60 2	0.6 54	0. 6 6 1	0.66 8	0.052	0.698	65.26	4500	2 0	2 9	62	8 1 6	6 9 4
0.65± 0.020	0.6 45	0.65 3	0.7 07	0. 7 1 5	0.72 3	0.054	0.752	55.31	4500	2 0	2 9	58	8 5 7	7 3 4
0.70± 0.020	0.6 95	0.70 3	0.7 59	0. 7 6 7	0.77 5	0.056	0.804	47.47	4500	2 0	3 0	53	8 9 8	7 6 5
0.75± 0.020	0.7 45	0.75 3	0.8 13	0. 8 2 2	0.83 1	0.060	0.860	41.19	5100	2 0	3 0	53	9 7 9	8 2 6
0.80± 0.020	0.7 94	0.80 3	0.8 65	0. 8 7 4	0.88 3	0.062	0.914	36.08	5100	2 5	3 0	66	1 0 1	8 6 7
0.85± 0.020	0.8 44	0.85 3	0.9 17	0. 9 2 6	0.93 5	0.064	0.966	31.87	5100	2 5	3 0	66	1 0 2	8 9 8
0.90± 0.020	0.8 94	0.90 3	0.9 69	0. 9 7 8	0.98 7	0.066	1.020	28.35	5100	2 5	3 1	62	1 1 2	9 2 8

0.95± 0.020	0.9 44	0.95 3	1.0 21	1. 0 3 1	1.04 1	0.068	1.072	25.38	5100	2 5	3 1	62	1 1 2 0	9 6 9
1.00± 0.030	0.9 94	1.00 3	1.0 75	1. 0 8 5	1.09 5	0.072	1.138	23.33	5100	2 5	3 2	58	1 2 2 0	1 0 2 0
1.10± 0.030	1.0 93	1.10 3	1.1 79	1. 1 9 0	1.20 1	0.074	1.242	19.17	5900	2 5	3 2	54	1 2 2 0	1 0 2 0
1.20± 0.030	1.1 93	1.20 3	1.2 79	1. 2 9 0	1.30 1	0.074	1.342	16.04	5900	2 5	3 2	54	1 3 3 0	1 1 2 0
1.30± 0.030	1.2 93	1.30 5	1.3 83	1. 3 9 5	1.40 7	0.078	1.448	13.61	5900	2 5	3 3	50	1 3 3 0	1 1 2 0
1.40± 0.030	1.3 93	1.40 5	1.4 83	1. 4 9 5	1.50 7	0.078	1.548	11.70	5900	2 5	3 3	46	1 3 3 0	1 1 2 0
1.50± 0.030	1.4 93	1.50 5	1.5 87	1. 5 9 9	1.61 1	0.082	1.654	10.16	5900	2 5	3 3	46	1 4 3 0	1 2 2 0
1.60± 0.030	1.5 92	1.60 5	1.6 87	1. 6 9 9	1.71 1	0.082	1.754	8.906	5900	2 5	3 3	42	1 4 3 0	1 2 2 0
1.70± 0.030	1.6 92	1.70 3	1.7 89	1. 8 0 1	1.81 3	0.084	1.856	7.871	6300	2 5	3 3	--	1 5 3 0	1 3 3 0
1.80± 0.030	1.7 92	1.80 3	1.8 89	1. 9 0 1	1.91 3	0.084	1.956	7.007	6300	2 5	3 4	--	1 5 3 0	1 3 3 0
1.90± 0.030	1.8 92	1.90 3	1.9 93	2. 0 0 5	2.01 7	0.088	2.062	6.278	6300	2 5	3 4	--	1 6 3 0	1 3 3 0
2.00± 0.030	1.9 92	2.00 3	2.0 93	2. 1 0 5	2.11 7	0.088	2.162	5.656	6300	3 0	3 4	--	1 6 3 0	1 3 3 0
2.10± 0.030	2.0 90	2.10 4	2.1 95	2. 2 0 8	2.22 1	0.090	2.266	5.123	6300	3 0	3 4	--	1 6 3 0	1 4 3 0
2.20± 0.030	2.1 9	2.20 4	2.2 97	2. 3 1 0	2.32 3	0.092	2.368	4.662	6300	3 0	3 5	--	1 7 3 0	1 4 3 0

2.30± 0.030	2.2 9	2.30 4	2.3 97	2. 4 1 0	2.42 3	0.092	2.468	4.260	6300	3 0	3 5	--	1 7 3 0	1 4 3 0
2.40± 0.030	2.3 90	2.40 4	2.5 01	2. 5 1 5	2.52 9	0.096	2.574	3.908	6300	3 0	3 5	--	1 8 4 0	1 5 3 0
2.50± 0.030	2.4 90	2.50 4	2.6 03	2. 6 1 7	2.63 1	0.098	2.678	3.598	6300	3 0	3 5	--	1 8 4 0	1 5 3 0
2.60± 0.030	2.5 90	2.60 4	2.7 03	2. 7 1 7	2.73 1	0.098	2.778	3.324	6300	3 0	3 5	--	1 8 4 0	1 5 3 0
2.70± 0.030	2.6 90	2.70 4	2.8 03	2. 8 1 7	2.83 1	0.098	2.878	3.079	6300	3 0	3 5	--	--	--
2.80± 0.030	2.7 90	2.80 4	2.9 03	2. 9 1 7	2.93 1	0.098	2.978	2.861	6300	3 0	3 6	--	--	--
2.90± 0.030	2.8 90	2.90 4	3.0 03	3. 0 1 7	3.03 1	0.098	3.078	2.665	6300	3 0	3 6	--	--	--
3.00± 0.030	2.9 9	3.00 4	3.1 03	3. 1 1 7	3.13 1	0.098	3.178	2.489	6300	3 0	3 6	--	--	--
3.20± 0.030	3.1 9	3.20 4	3.3 03	3. 3 1 9	3.33 5	0.098	3.388	2.198	6300	3 0	3 6	--	--	--



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