



## High Voltage Copper-Bonded Steel Ground Earthing Rods for Secure Electrical Grounding

Our Product Introduction

### Basic Information

- Place of Origin: China
- Brand Name: Golden Electric /OEM
- Certification: ISO 9001, ISO 9000, ISO 14001, ISO 14000, ISO 20000, OHSAS/ OHSMS 18001, IATF16949
- Minimum Order Quantity: 1
- Packaging Details: Carton/Pallet
- Delivery Time: Peak Season Lead Time: more than 12 months  
Off Season Lead Time: within 15 workdays
- Payment Terms: LC, T/T, PayPal, Western Union
- Supply Ability: 5000/Month



### Product Specification

- Size: Large
- Brand: Golden Electric /OEM
- Name: Copper Ground Earth Rod
- Diameter: 12.7mm~25mm
- Length: 1.2m~3.0m(4FT~10FT)
- Tensile Strength:  $\geq 0.254$ mm
- Model: Electrical Earthing Rod
- Transport Package: Standard Export Package
- Trademark: Golden Or Natural, Or Customer Brand
- Origin: China
- Supply Ability: 20000PCS/Month
- Usage: Working Earthing, Earthing System, Lightning Protection Earthing, Protection Earthing
- Working Voltage: High Voltage
- Application: Earthing System, Lightning Protection



### More Images



for more products please visit us on [chinagoldene.com](http://chinagoldene.com)

## Product Description

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The copper-clad steel grounding rod made of low-carbon steel core combines 99.9% pure electrolytic copper, which has good conductivity, corrosion resistance and tensile strength, with a service life of more than 30 years. There are three different types of copper clad steel grounding rod, among which the threaded type can effectively slow down the oxidation rate of the grounding rod in the underground. It can be widely used in communication industry, power system, building system, facilities, railway system, etc., especially for the ground engineering with poor environment and high corrosion resistance requirements. It has a broad market prospect.



### Product Parameters

Material	Copper Clad Steel
Copper Thickness	≥0.254mm
Copper Purity	99.9%
Tensile strength	≥580N/mm <sup>2</sup>
Straightness error	≤1mm/m
Service life	≥30years
Diameter	according to customer's requirement
Function	Used in grounding and lightning system
Type	Threaded or flat or pointed
Available service mode	OEM,ODM
Certificate	ISO9001:2008,CE,SGS

**Copper-Bonded Ground Rod,Pointed:**

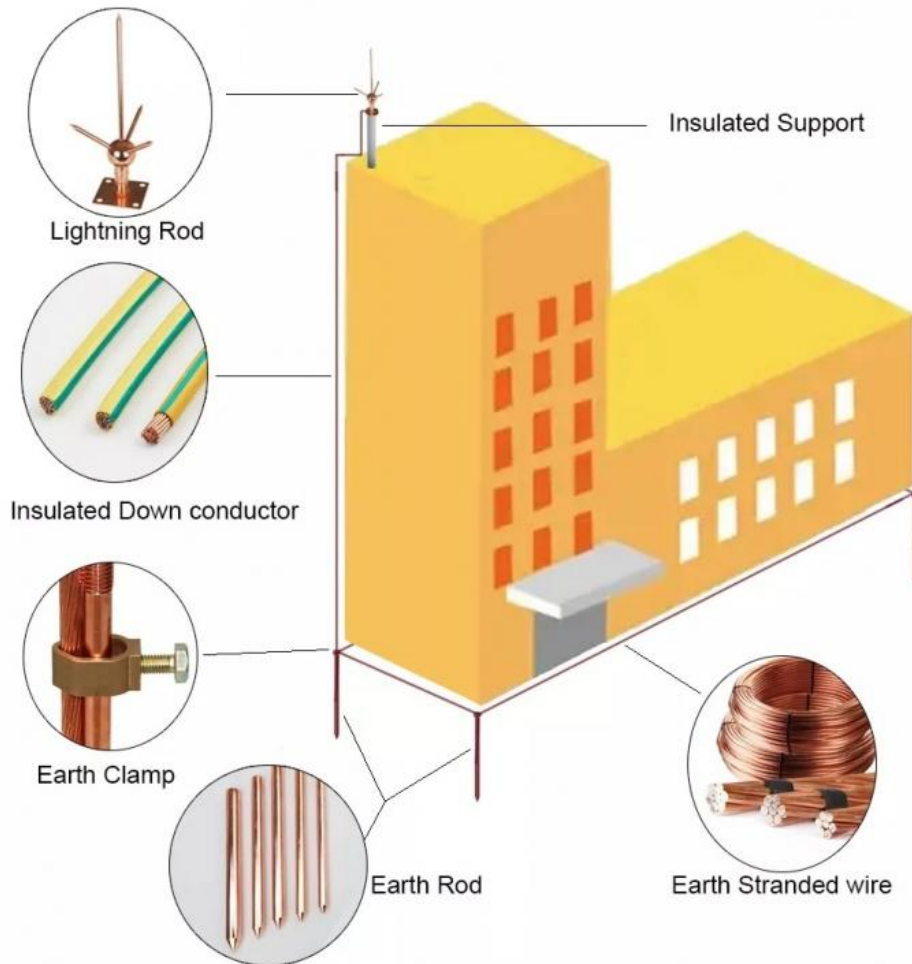
Product specifications	Copper Thickness(mm)	Diameter(mm)	Length(mm)	Weight(kg)
CCSEP20-φ12.7x1200	0.254	12.7	1200	1.18
CCSEP20-φ12.7x1500	0.254	12.7	1500	1.55
CCSEP20-φ12.7x1800	0.254	12.7	1800	1.76
CCSEP20-φ14.2x1500	0.254	14.2	1500	1.87
CCSEP20-φ14.2x1800	0.254	14.2	1800	2.24
CCSEP20-φ14.2x2500	0.254	14.2	2500	3.1
CCSEP20-φ14.2x3000	0.254	14.2	3000	3.73
CCSEP20-φ16 x1500	0.254	16	1500	2.37
CCSEP20-φ16x1800	0.254	16	1800	2.84
CCSEP20-φ16 x2500	0.254	16	2500	3.94
CCSEP20-φ16 x3000	0.254	16	3000	4.73
CCSEP20-φ17.2x1500	0.254	17.2	1500	2.73
CCSEP20-φ17.2x1800	0.254	17.2	1800	3.28
CCSEP20-φ17.2x2500	0.254	17.2	2500	4.56
CCSEP20-φ17.2x3000	0.254	17.2	3000	5.47
CCSEP20-φ18x1500	0.254	18	1500	3
CCSEP20-φ18 x2500	0.254	18	2500	4.99
CCSEP20-φ18 x3000	0.254	18	3000	5.99
CCSEP20-φ20x1500	0.254	20	1500	3.7
CCSEP20-φ20 x2500	0.254	20	2500	6.16
CCSEP20-φ20 x3000	0.254	20	3000	7.39
CCSEP20-φ25x1500	0.254	25	1500	5.78
CCSEP20-φ25x2500	0.254	25	2500	9.63
CCSEP20-φ25 x3000	0.254	25	3000	11.55

Above is the common size, we also can do according to your requests. Please contact us to get to know more information about our products and service.

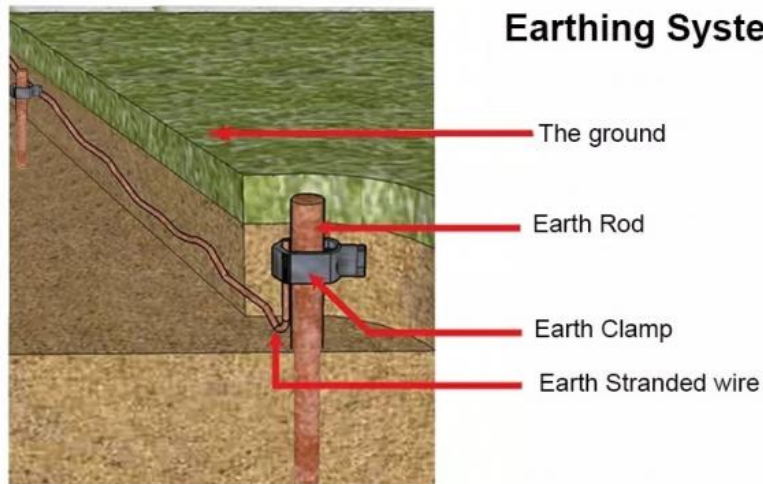
#### Product Details



## Application Scenarios



## Earthing System



### Installation Instructions

The installation of copper coated carbon electrode is very flexible, both hammer and electric pick are ok .In the bad soil condition ,please drill and then install .

1.When installing the rod deeply with hammer , please fit the drilling head to protect copper layer and connect multi grounding rod with coupler ;

2.When installing the rod deeply in rock or other hard soil area with drilling tool ,please refer to below two choice:

1).Before installing rod ,please drill hole and then fill bentonite and water full to reduce electric resistance



2) Fill bentonite and water after installing the rods to reduce electric resistance

**Application:**

copper-bonded ground rods is used for earthing system of power plant, transformer station, tower, communication station, airport, railway, subway station , high building, computer room, petro plant, oil reservoir in the environmental of moist , saline and alkaline, acid and chemical corrosion medium environmental.

**Packing**



**Recommand Product**





#### Company Profile

- **Golden Electric Co.,Ltd** ,was founded in 2007, we are professional for make **AC and DC electric items** such as **cable gland,Solar PV Cable, MC4 Connector, isolator switch , fuse , breaker , distribution box , PV combiner box ,surge protector, Indicator lamp,Solar Charge Controller,Industrial plug and socket,Wind Turbine, Solar product ,Copper Earthing Rods** and so on.

- Golden has been granted ISO9001 management system certifications. The comprehensive product line has more than 1000 models which have been approved by TUV,CE,CQC,SGS,ROHS,SASO. The productsells well to UK, Spain, Portugal, Singapore, Turkey, Russia, Korea, South Africa... more than 60 countries and regions.

- Golden is always striving hard to provide the best services and competitive price to all customers.

#### FAQ

**1) Q:How can i trust your company?**

A:Golden electric is The top 10 manufacture in China - more than 350 Agents in local market and more than 100 foreign clients make OEM,ODM order from us,Golden electric is a big company, we have cooperation with LS, EKF the world-class companies. Our company over 100 employees, products pass CE,IEC,TUV,SAA, RCM, ROHS certificates.

**2) Q:Your products?**

A: Golden electric is factory for Automatic transfer swithc, Surge protector device, distribution box Enclosure, inverter, DC fuse Copper Earthing Rod etc. Providing customers very competitive sources, and can be your sourcing agent in China. Goods are following international standards, IE, CE, ISO9001 ,SGS etc.

**3) Q: Do you have forwarder?**

A: Yes, we have good forwarder cooperated over 10 years, they help us import and export . For small package orders, suggest to use by Express.

**4) Q: Your address ?**

A: Locates in Guangzhou province, China,welcome to visit us

**5) Q:What's the Copper Earthing Rods guarantee?**

A: 2 years warranty. If customer's problem, then customer burden. If our problem, then we send new goods to customer to replace asap.

**6) Q:What's about MOQ? Delivery time ?**

A: 1pcs for Copper Earthing Rods.

**7) Q: What's the payment term?**

A: Normally 100% T/T in advanced payment. If big order then about 50% advanced payment, balance before shipment.PAYPAL,WESTERN UNION,CASH for small order .

**8) Q:What's your contact information ?**

**Send us your inquiry !we will reply you in 24 hours !**

If you need information about this product. Please [Click here](#) to contact me and we will provide you with more information about the products.



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