

Copper Bonded Earthing Electrode



**MANUFACTURING OF EARTHING ELECTRODE | PURE COPPER | COPPER BONDING ROD |
EARTH FILL COMPOUND | LIGHTNING PROTECTION SYSTEM | EARTH PIT CHAMBER**



Copper Bonded Earthing Electrode

A copper bonded earthing electrode is a grounding system consisting of a steel core coated with a layer of high-conductivity copper. This combination provides mechanical strength and superior electrical conductivity, allowing efficient and smooth flow of current to the ground. This reduces the risk to electrical gears and human lives to a very high extent.

Benefits of Copper Coated Electrode

- CPRI Tested
- Continues Electroplating over Electrode result copper conductivity at outer section
- Cost Effective
- High Conduction on outer Section
- 250 microns coating on iron electrode
- Variation in size availability
- Less space require at time of installation
- No Maintenance

Applications of Copper Bonded Electrode

- Lightning Protection Systems
- Hospitals
- CNC Machine
- Railway Signaling
- Robust design
- Substation
- Telecom Industries
- Dimensionally accurate
- Seamless finish
- Lightning Arrester
- Data Centre
- UPS, EPBAX, FAX etc
- Solar System

Technical Specification

Specification	Details
Base Material	Low Carbon Steel
Base Coating Material	Copper
Coating Material	99.9% Pure Electrolytic Grade Copper Anode
Available Coating Thickness	100 Micron (Avarage)
Available Diameter(mm)	40,50,65
Available Length(m)	1 Meter to 3 Meter
Terminal Dimension	35x6, 40x6, 50x6
Connector	SS nut bolt

Specification

Model	Length Mtr	Dia (Available)				
		MM	MM	MM	MM	MM
3000 MM CB	3	100	88	65	50	40
2000 MM CB	2	100	88	65	50	40
1500 MM CB	1.5	100	88	65	50	40
1000 MM CB	1	---	---	65	50	40



- Designed and Manufacture By -

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