EARTHWAY® TECHNOLOGIES

Copper Bonded Earthing Electrode

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

ISO 9001:2015 CERTIFIED · ISO 14001 CERTIFIED · ISO 18001 · UL · CPRI · ISI · MSME Ministry of MSME, Govt. of India · RoHS COMPLIANT · CE · MADE IN INDIA

Copper Bonded Earthing Electrode

Copper Bonded Electrode protects a stroke of lightning causes the generation of fault current that has a high potential to damage the electrical gears. It damages electrical systems as well as human life also. Hence, the grounding or earthing system has become quite indispensable to scatter away the fault current that keep precious electrical and electronic equipment safe and secure.

Benefits of Copper Coated Electrode

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

Applications of Copper Bonded Electrode

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

EARTHWAY TECHNOLOGIES LLP

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