

Product Introduction

Chemical earth rods provide a low impedance earth to effectively dissipate lightning and electrical fault currents. The chemical earth rod is ideal for installation in locations where space restrictions exist.

Characteristics

1. The chemical earth rod contains an ion rich crystalline mixture that when triggered by inherent air moisture will start the release of free ions into soil. This continuously feeding of moisture and free ions to the surrounding soil will ensure the soil remains at a highly conductive state thus achieving a reliable low resistance of ground .
2. The main body of the chemical earth rod is manufactured from high corrosion resistance copper alloy tubes to ensure maximum conductivity and prolonged service life.
3. The special design of soil to rod interface expands and contracts soil according to weather conditions and surrounding environmental fluctuations. This enables the rod to maintain contact with the surrounding soil and ensure a proper moisture level regardless of fluctuations in weather or environmental condition.
4. The chemical earth rod is ideal for locations of high soil resistivity and dense buildings for its good earthing effect, few occupied space, material-efficient and environmental pollution-free.



Main Technical Parameters

Part No	size	material	ΔR	Ph
SMD-5015	$\phi 50 \times 1500$	Copper	≤ 1	7 ± 0.5
SMD-5030	$\phi 50 \times 3000$		≤ 1	7 ± 0.5
SMD-5515	$\textcircled{1} 55 \times 1500$		≤ 1	7 ± 0.5
SMD-5530	$\textcircled{1} 55 \times 3000$		≤ 1	7 ± 0.5
SMD-6015	$\phi 60 \times 1500$		≤ 1	7 ± 0.5
SMD-6030	$\textcircled{1} 60 \times 3000$		≤ 1	7 ± 0.5
SMD-5015T	$\textcircled{1} 50 \times 1500$	Copper Bord	≤ 1	7 ± 0.5
SMD-5030T	$\textcircled{1} 50 \times 3000$	Copper Bord	≤ 1	7 ± 0.5

