

## Ionic Grounding Rod

A high-tech lightning protection grounding product, achieving breakthroughs through minimal land occupation, low construction difficulty, and persistent stable resistance reduction. Its unique ion slow-release technology and corrosion resistance continuously optimize grounding performance until stabilizing at the optimal value. Adaptable to diverse geological conditions—including black soil, loess, saline-alkali soil, landfill soil, backfill, weathered sandy soil, fine dust, and clay—it delivers reliable grounding effects when paired with quality construction techniques.

### KEY FEATURES

- 1.Low impedance
- 2.The service life is long
- 3.Weather resistance is strong
- 4.Cover an area of an area small
- 5.Construction are less, the cost is low

### PRODUCT SPECIFICATIONS

**Conductor Material:**Red copper (purity  $\geq 99.9\%$ ), copper-clad steel, zinc-clad steel, magnesium alloy

**Filler Composition:**Long-acting ion sustained-release agent

**Inrush Current Endurance:** $1000\text{kA}/\text{m}^2$  (8/20 $\mu\text{s}$  waveform, 20 impacts)

**Power Frequency Current Tolerance:** $5\text{kA}/\text{m}^2$  (50A current  $\times 10\text{s} \times 5$  times)

**Insulation Resistance:** $\geq 5 \times 10^8 \Omega$  (after immersion)

**Product Specification:** Diameter: $\Phi 50\text{-}60\text{mm}$ , length;1.5-3m (customizable)

