



Lightning Pro US

Lightning Prevention

727-242-5734

Bryan@lightningpro.us

<https://lightningpro.us/>

Why DINNTECO?

DINNTECO offers innovative lightning and electromagnetic pulse (EMP) protection systems designed to:

- Prevent direct lightning strikes by neutralizing electrical field imbalances.

- Minimize electromagnetic pulse effects, ensuring operational continuity.

- Safeguard people and installations, guaranteeing enhanced safety.

- Provide long-term cost benefits with reduced maintenance needs.

How It Works

DINNTECO's patented technology constantly balances the surrounding electric field, preventing upward leader formation and ensuring safe dissipation of electrical currents into the ground. Key Advantages Over Conventional Systems.

Continuous Current Drainage: Unlike conventional systems that drain instantaneously, DINNTECO ensures uninterrupted protection.

Comprehensive Safety: Combines prevention and protection, addressing both direct strikes and EMP effects.

Standards Compliance: Certified to meet global safety standards, including UL96, NFPA 780, and UNE EN 62305 series.

Technical Specifications

Weight: 7 kg / 14 lbs

Height: 15 inches

Coverage Radius: 300 ft

Materials: Aluminum, PVC, Stainless Steel, POM (for marine environments)

Lifetime: 20 years

Installation Time: 4-6 hours

Case Studies

1. PT XL Axiata (Indonesia):

Pre-Installation: 34% of towers are struck by lightning.

Post-Installation: 0% strikes on towers protected by DINNTECO.

2. Andorra Telecom (Las Pardinas Tower):

Traditional System (1997-2002): 21 direct strikes.

DINNTECO System (2003-present): 0 strikes in 20+ years.

3. Panama Canal Expansion:

130 devices installed.

Proven efficacy against both direct strikes and EMP effects.

4. Sant Antoni Market (Barcelona):

Replaced 9 traditional rods with 1 DINNTECO device.

5. Pemex Offshore Platforms:

Replaced 20 Franklin rods with 2 DINNTECO devices.

Applications

Telecommunication Towers: Over 800 towers protected globally.

Critical Infrastructure: Airports, radars, observatories, and water reservoirs.

Industrial Sites: Copper mines and offshore platforms.

Insurance and Warranty

Coverage: Up to EUR 3,000,000 for direct lightning impacts due to manufacturing defects.

Additional Protection: Up to EUR 600,000 for individual damages.

Warranty: 1-year initial guarantee, renewable with annual maintenance.

Clients and Projects

Notable Clients: NATO, NASA, Andorra Telecom, Pemex, and more.

Key Projects: Dallas-Fort Worth Airport, Cherenkov Telescope Array, and Faisaliah Strategic Water Reservoirs.

DINNTECO's revolutionary approach to lightning and EMP protection ensures unmatched reliability, safety, and cost efficiency, setting a new benchmark in Lightning prevention.