# PRODUCT DATA SHEET

## Lightning protection systems

## Auxiliary components of Lightning Protection System

**Code: 6422520-71**

**Description: 1 point copper earth lead in rod Ø15x2000mm, code 6422520-71**



### Application

Copper (Cu) earth lead-in rod, used as part of a down conductor in order to provide protection against mechanical stresses.

### Technical characteristics - Installation instructions

| | |
|---|---|
| Diameter | 15mm |
| Length | 2000 mm |
| Material | Copper (Cu) |
| Electrical resistivity | 0,018 μΩm |
| Tensile strength | 200 – 450 N/mm2 |
| Installation location | Cu, Cu-A (copper alloy), Cu/eSn, Stainless Steel (SSt), St/eCu. |
| Can be connected above ground with | Cu, Cu-A (copper alloy), Cu/eSn, Stainless Steel (SSt), St/eCu. |
| Can be connected buried in ground with | Cu, Cu-A (copper alloy), Cu/eSn, Stainless Steel (SSt), St/eCu. |
| Can be connected in concrete with | Cu, Cu-A (copper alloy), Cu/eSn, Stainless Steel (SSt), St/eCu, St/tZn. |
| Connection to conductors | By clamps (not included). |

### Testing as per IEC EN 62561

The component has successfully passed the testing requirements of standard IEC ?? 62561-2 “Lightning protection system components (LPSC) – Part 2 : Requirements for conductors and earth electrodes”.
Test report No **31490** by accredited laboratory as per ISO 17025.

## Manufacturing Quality Control

- ISO 9001
- ISO 14001
- OHSAS 18001

## Country of Origin

Greece.

## Needed accessories

Double bonding clamp e.g. ELEMKO code 6225204, fasteners e.g ELEMKO code 6121300, clamp e.g ELEMKO code 6221610.

## Unit: piece / Package: 1 piece

We reserve the right to introduce changes in the component due to technical evolution.