

PRODUCT DATA SHEET

LIGHTNING PROTECTION AND EARTHING SYSTEM COMPONENTS

Code: 64 00 011

ed.02/2021

Description: Ø10mm hot dip galvanized steel solid round conductor

Application

Hot dip galvanized steel (St/tZn) solid round conductor used as air termination conductor, down conductor and earth conductor.

Technical characteristics

| | |
|------------------------|-----------------------------|
| Diameter | 10 mm |
| Cross sectional area | 78 mm ² |
| Core material | Steel (St) |
| Coating material | Zinc (Zn) |
| Zinc coating weight | >350 gr/m ² |
| Type of coating method | Hot dip |
| Electrical resistivity | <0,25 µΩm |
| Tensile strength | 290 – 510 N/mm ² |



Installation instructions

| | |
|--|--|
| Installation | Above ground, buried in ground, embedded in concrete |
| Can be connected above ground with | Al, Stainless Steel (SSt), St/tZn |
| Can be connected buried in ground with | SSt (Stainless Steel), St/tZn |
| Can be connected in concrete with | Cu, Cu-A (copper alloy), Cu/eSn, SSt (Stainless Steel), St/eCu, St/tZn |
| Straightening | For straightening can be used straightener, ELEMKO code 6900100 |

Testing as per IEC EN 62561

The component has successfully passed the testing requirements of standard IEC EN 62561-2 "Lightning protection system components (LPSC) – Part 2 : Requirements for conductors and earth electrodes".
Test reports No **30593 & 31620** by accredited laboratory as per ISO 17025

Manufacturing Quality Control

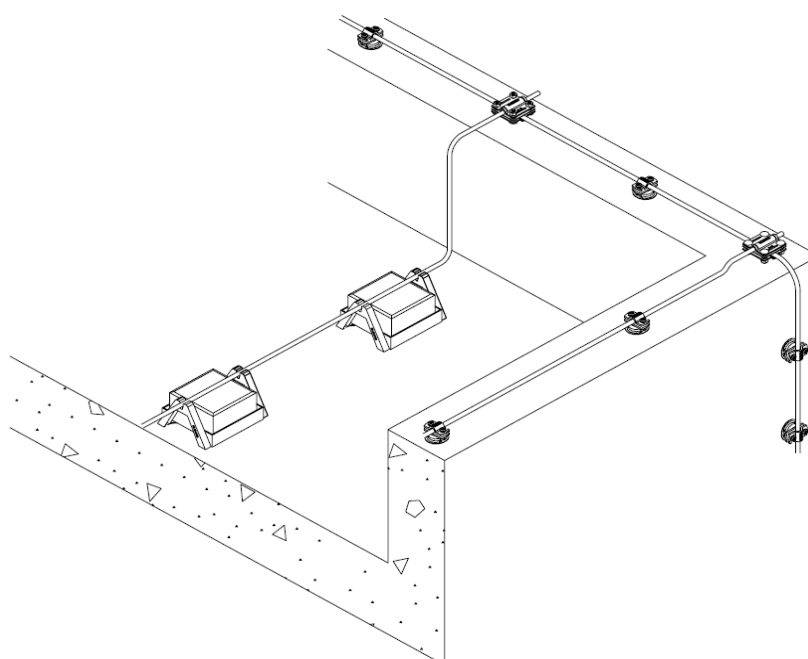
Manufacturing quality control according standard ISO 9001

Country of Origin

Greece

Needed accessories¹⁾

Clamps (e.g. 6201810), fasteners (e.g. 6101100, 6130104) for the spacing consult fasteners' installation instructions

Unit: meter / Package: 50 m approx. / 0,616 kg/m

¹⁾ See relevant data sheet

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