

## PRODUCT DATA SHEET

### LIGHTNING PROTECTION AND EARTHING SYSTEM COMPONENTS

**Code:** 64 20 010 (copper) / 64 22 010 (tin plated copper)

**Description:** Ø10mm solid round conductor

ed.03/2021

#### Application

Copper or tin plated copper conductor used as air termination conductor, down conductor and earth conductor.

#### Technical characteristics

Diameter	10 mm
Cross sectional area	78 mm <sup>2</sup>
Material	Copper (Cu) or tin plated copper (Cu/eSn)
Electrical resistivity	≤0,018 μΩm
Tensile strength	200 – 450 N/mm <sup>2</sup>



#### Installation instructions

Installation	Above ground, buried in ground, embedded in concrete
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
Straightening	For straightening can be used straightener, ELEMKO code 6900100

#### Comply with

The component complies with standard IEC EN 62561-2 "Lightning protection system components (LPSC) – Part 2 : Requirements for conductors and earth electrodes".

#### Manufacturing Quality Control

Manufacturing quality control according standard ISO 9001

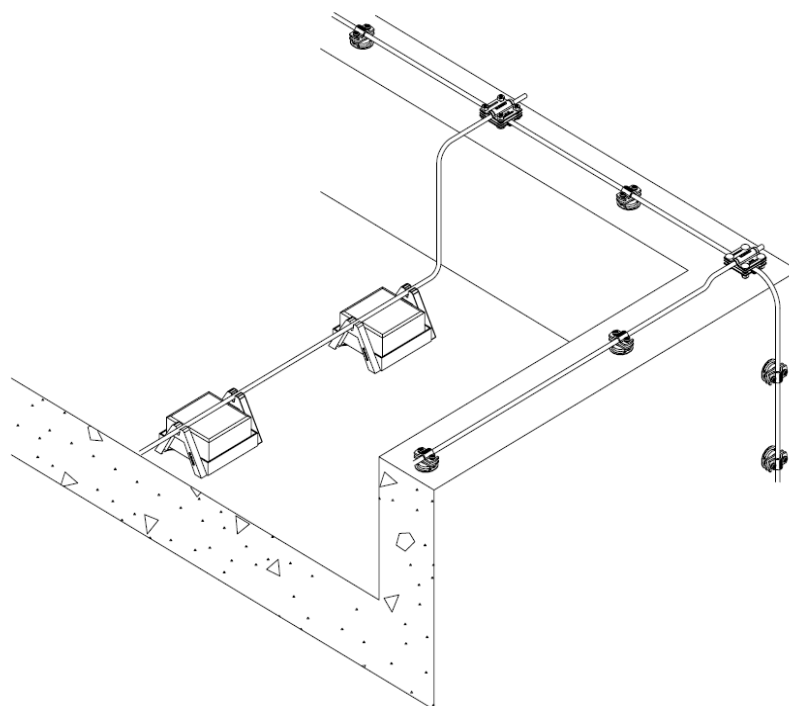
#### Country of Origin

Greece

#### Needed accessories<sup>1)</sup>

Clamps (e.g. 6221810), fasteners (e.g. 6121100, 6130071) for the spacing consult fasteners' installation instructions

#### Unit: meter



<sup>1)</sup> See relevant data sheet

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