

## PRODUCT DATA SHEET

### LIGHTNING PROTECTION AND EARTHING SYSTEM COMPONENTS

**Code: 64 20 150 (copper) / 64 22 150 (tin plated copper)**

ed.02/2021

**Description: 150mm<sup>2</sup> nominal cross sectional area stranded conductor**

#### Application

Copper or tin plated copper stranded conductor used as earth conductor.

#### Technical characteristics

Nominal cross sectional area	150 mm <sup>2</sup>
Material	Copper (Cu) or tin plated copper (Cu/eSn)
Electrical resistivity	≤0,018 μΩm
Electrical resistance	≤0,126 Ω/km
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

#### 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

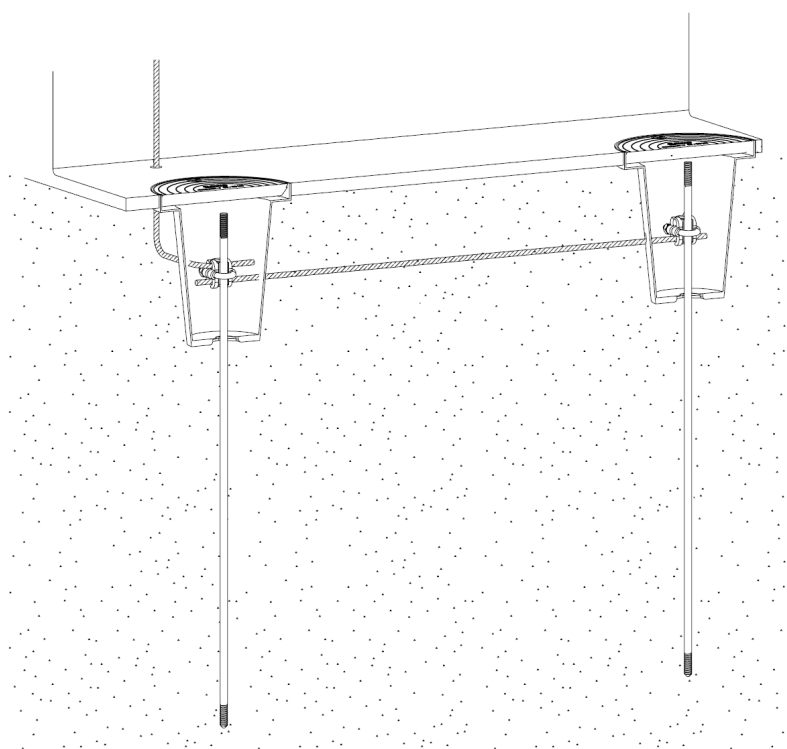
#### Country of Origin

Greece

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

Clamps (e.g. 6221616), fasteners (e.g. 6130185) for the spacing consult fasteners' installation instructions.

#### Unit: meter



Typical application of the conductor

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

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