

PRODUCT DATA SHEET

LIGHTNING PROTECTION AND EARTHING SYSTEM COMPONENTS

Code: 64 20 108 (copper) / 64 22 108 (tin plated copper)

Description: 50mm² nominal cross sectional area stranded conductor

ed.02/2021

Application

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

Technical characteristics

| | |
|------------------------------|---|
| Diameter | 8,9 mm |
| Nominal cross sectional area | 50 mm ² |
| Material | Copper (Cu) or tin plated copper (Cu/eSn) |
| Electrical resistivity | ≤0,018 μΩm |
| Electrical resistance | ≤0,391 Ω/km |
| Tensile strength | 200 – 450 N/mm ² |



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 |

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 report No **30594** by accredited laboratory as per ISO 17025

Manufacturing Quality Control

Manufacturing quality control according standard ISO 9001

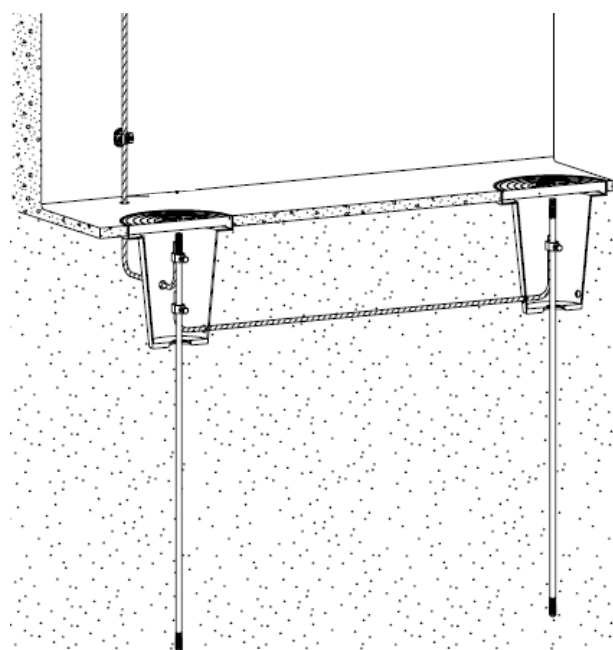
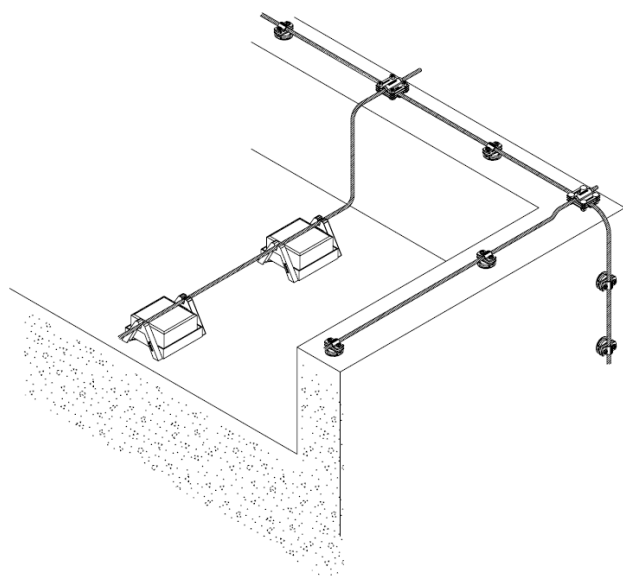
Country of Origin

Greece

Needed accessories¹⁾

Clamps (e.g. 6221810, 63 30 114), fasteners (e.g. 6121100, 6130104) for the spacing consult fasteners' installation instructions.

Unit: meter / Package: 100 m approx. / 0,415 kg/m



¹⁾ See relevant data sheets

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