PRODUCT DATA SHEET

LIGHTNING PROTECTION AND EARTHING SYSTEM COMPONENTS

Code: 64 20 120 (copper) / 64 22 120 (tin plated copper)

Description: 120mm² nominal cross sectional area stranded conductor ed.02/2021

Application

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

Technical characteristics

Diameter	14,21 mm
Nominal cross sectional area	120 mm²
Material	Copper (Cu) or tin plated copper (Cu/eSn)
Electrical resistivity	≤0,018 μΩm
Electrical resistance	≤0,154 Ω/km
Tensile strength	200 – 450 N/mm²

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 **31092** by accredited laboratory as per ISO 17025

Manufacturing Quality Control

Manufacturing quality control according standard ISO 9001

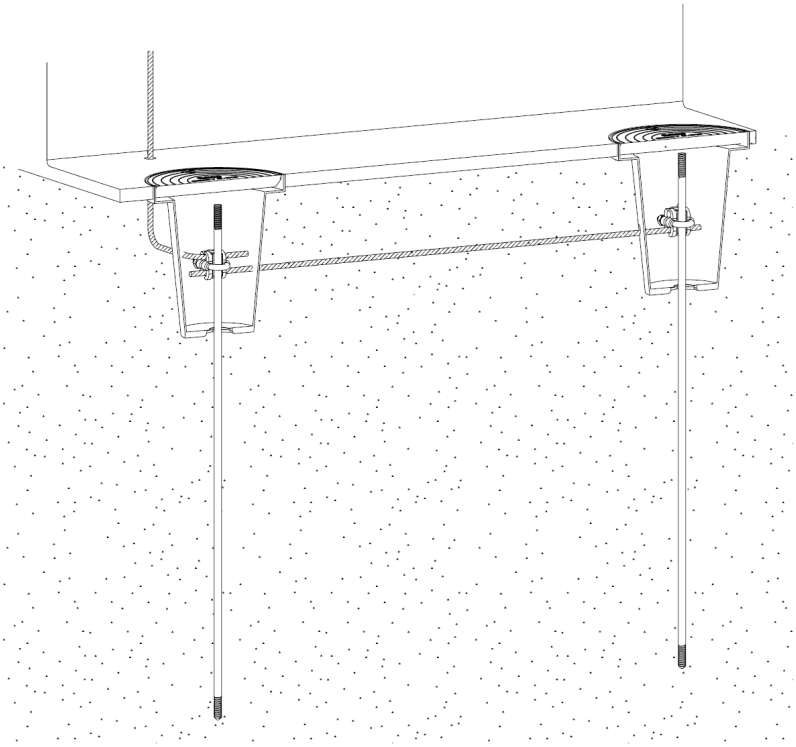
Country of Origin

Greece

Needed accessories[1)]

Clamps (e.g. 6222112), fasteners (e.g. 6121112) for the spacing consult fasteners' installation instructions.

Unit: meter / Package: 50 m approx. / 1,046 kg/m



Typical application of the conductor

[1)] See relevant data sheets

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

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