

PRODUCT DATA SHEET

LIGHTNING PROTECTION AND EARTHING SYSTEM COMPONENTS

Code: 64 20 006 (copper) / 64 22 006 (tin plated copper)

Description: Ø6mm solid round conductor

ed.02/2021

Application

Copper or tin plated copper conductor used as air termination conductor and down conductor, where mechanical strength is not an essential requirement.

Technical characteristics

Diameter	6 mm
Cross sectional area	28 mm ²
Material	Copper (Cu) or tin plated copper (Cu/eSn)
Electrical resistivity	≤0,018 μΩm
Electrical resistance	≤0,727 Ω/km
Tensile strength	200 – 450 N/mm ²



Installation instructions

Installation	Above 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 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

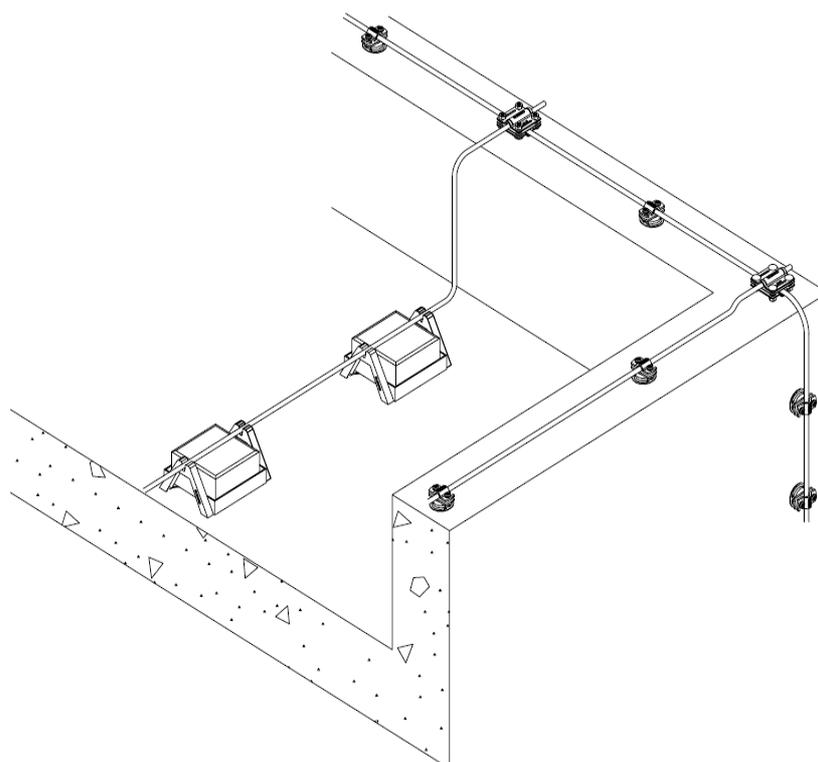
Country of Origin

Greece

Needed accessories¹⁾

Clamps (e.g. 6221836), fasteners (e.g. 6121106, 6130104) for the spacing consult fasteners' installation instructions

Unit: meter / Package: 200 m approx. / 0,250 kg/m



¹⁾ See relevant data sheet

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