PRODUCT DATA SHEET

Earthing components

Earth rods, earth plates & type "E" earth electrodes

Code: 6321412-70
Description: External threaded earth rod 5/8" nominal diameter 1200mm length, code 6321412-70

Application

Electrolytically copper plated steel (St/eCu) earth rod used in earthing system.



Technical characteristics - Installation instructions

Diameter	5/8'' (16mm) thread, Ø14,2 mm shank.
Length	1200 mm.
Core material	Steel.
Coating material	Copper.
Coating thickness	>250 µm.
Type of coating method	Electrolytic (molecularly bonded onto the steel core).
Electrical resistivity	0,25 µΩm.
Tensile strength	350 – 770 N/mm2.
Installation	Driven into ground by hammer or vibration hammer1), embedded in concrete. 1) Required driving stud, ELEMKO code 6340014, see relevant data sheet.
Extension	Both ends external threaded (5/8'') to be extended vertically by copper alloy coupler (ELEMKO code 6330014 – not included).
Can be connected buried in ground with	Cu, Cu-A (copper alloy), Cu/eSn, SSt (Stainless Steel), St/eCu.

Can be connected in concrete with	Cu, Cu-A (copper alloy), Cu/eSn, SSt (Stainless Steel), St/eCu, St/tZn.
Connection to conductor	By clamp or exothermic welding (for the protection of the connection against corrosion use earth pit, e.g 6009021).

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 reports No **31500, 31505 & 31996** by accredited laboratory as per ISO 17025.

ELEMKO management systems

- ISO 9001
- ISO 14001
- ISO 45001

Country of Origin

Greece

Unit: piece / Package: 5 pieces

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