

# PRODUCT DATA SHEET

## Earthing components

### Connection components for earth conductors

**Code: 6330017-70**

**Description: Copper alloy coupler for earth rods, code 6330017-70**

#### Application

Coupler for extension of copper plated steel earth rods.



#### Technical characteristics

Suitable for earth rod	External threaded 3/4" (20mm).
Thread of the coupler	Internal 3/4" (UNC-2A).
Material	Copper alloy.
Lightning current withstand capability	Heavy duty (H – 100 kA).
Compression withstand capability	Impact for 2 minutes with vibration hammer.
Tensile strength	105 kN.

#### Installation instructions

Drive the first length of earth rod into the ground (by hammer or vibration hammer) until the upper threaded part. Screw the coupler to the upper threaded part, leaving half of the coupler's threads free. Screw a second length to the remaining threads of the coupler and tighten with a torque of 40 Nm. Drive the arrangement further into the ground. Repeat the same procedure if you wish to extend with more length of rods.

Recommendation: Before starting the driving of the rods consult the installation instructions of the earth pit you intend to use (e.g. 6009021 or 6009028).

#### 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 **31314, 31504 & 31509** by accredited laboratory as per ISO 17025.

## ELEMKO management systems

- ISO 9001
- ISO 14001
- ISO 45001

## Country of Origin

Greece.

## Unit: piece / Package: 50 pieces

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