

# PRODUCT DATA SHEET

## Earthing components

### Lightning protection earthing

### Lightning protection systems

## Lightning Protection System (LPS) conductors

**Code: 6420240-70**

**Description: 240 mm<sup>2</sup> nominal cross sectional area stranded conductor, code 6420240-70**

#### Application

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



#### Technical characteristics - Installation instructions

Cross sectional area	240 mm <sup>2</sup> .
Material	Copper (Cu).
Electrical resistivity	<0,018 μΩm.
Electrical resistance	≤0,0762 Ω/km.
Tensile strength	200 - 450 N/mm <sup>2</sup> .
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.

#### Comply with

The component complies with standard IEC ?? 62561-2 “Lightning protection system components (LPSC) – Part 2 : Requirements for conductors and earth electrodes”.

## ELEMKO management systems

• ISO 9001

• ISO 14001

• ISO 45001

## Country of Origin

Greece

## Needed accessories

Clamps (e.g. 6222240), fasteners (e.g. 6130240) for the spacing consult fasteners' installation instructions.

## Unit: meter

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