# PRODUCT DATA SHEET

## Earthing components

## Lightning protection earthing

## Lightning protection systems

## Lightning Protection System (LPS) conductors

**Code: 6420506-70**

**Description: 50x6mm copper tape conductor, code 6420506-70**

### Application

Copper tape used as air termination conductor, down conductor and earth conductor.



### Technical characteristics - Installation instructions

| | |
|---|---|
| Width | 50 mm. |
| Thickness | 6 mm. |
| Cross sectional area | 300 mm². |
| Material | Copper (Cu). |
| Electrical resistivity | 0,018 μΩm. |
| Tensile strength | 200 – 450 N/mm². |
| 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 complies with standard IEC ?? 62561-2 “Lightning protection system components (LPSC) – Part 2 : Requirements for conductors and earth electrodes”.

## ELEMKO management systems

Manufacturing quality control according standard ISO 9001

## Country of Origin

Greece

## Needed accessories

Clamps (e.g. 6224060), fasteners (e.g 6123005) for the spacing consult fasteners' installation instructions

## Unit: meter / 2,670 kg/m

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