

# PRODUCT DATA SHEET

## Earthing components

### Lightning protection earthing

### Lightning protection systems

## Lightning Protection System (LPS) conductors

**Code: 6420030-70**

**Description: 30x2mm copper tape conductor, code 6420030-70**

### Application

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



### Technical characteristics - Installation instructions

|                                        |                                                                         |
|----------------------------------------|-------------------------------------------------------------------------|
| Width                                  | 30 mm.                                                                  |
| Thickness                              | 2 mm.                                                                   |
| Cross sectional area                   | 60 mm <sup>2</sup> .                                                    |
| Material                               | Copper (Cu).                                                            |
| Electrical resistivity                 | <0,018 μΩm.                                                             |
| 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. |
| Straightening                          | For straightening can be used straightener, ELEMKO code 6900100.        |

## 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 report No **30701** by accredited laboratory as per ISO 17025.

## ELEMKO management systems

- ISO 9001
- ISO 14001
- ISO 45001

## Country of Origin

Greece

## Needed accessories

Clamps (e.g. 6221833), fasteners (e.g. 6103025, 6121200) for the spacing consult fasteners' installation instructions.

**Unit: meter / Package: 20-30 m / 0,534 kg/m**

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