

PRODUCT DATA SHEET

Earthing components

Lightning protection earthing

Lightning protection systems

Lightning Protection System (LPS) conductors

Code: 6420252-70

Description: 25x2mm copper tape conductor, code 6420252-70

Application

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



Technical characteristics - Installation instructions

Width	25 mm.
Thickness	2 mm.
Cross sectional area	50 mm ² .
Material	Copper (Cu).
Electrical resistivity	<0,018 $\mu\Omega$ m.
Tensile strength	200 - 450 N/mm ² .
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.

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

Unit: meter / Package: 40 m / 0,450 kg/m

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