PRODUCT DATA SHEET

Earthing components

Lightning protection earthing

Lightning protection systems

Lightning Protection System (LPS) conductors

Code: 6420505-70

Description: 50x5mm copper tape conductor, code 6420505-70

Application

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

Technical characteristics - Installation instructions

Width	50 mm.
Thickness	5 mm.
Cross sectional area	250 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 / 1,780 kg/m

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