PRODUCT DATA SHEET

Earthing components

Lightning protection earthing

Lightning protection systems

Lightning Protection System (LPS) conductors

Code: 6460010-70

Description: Ø10mm stainless steel solid round conductor (SSt - grade V2A), code 6460010-70

Application

Stainless steel conductor (grade V2A) used as air termination conductor, down conductor and earth electrode.



Technical characteristics - Installation instructions

Diameter	10 mm.
Cross sectional area	78 mm2.
Material	Stainless steel (SSt/V2A).
Electrical resistivity	0,80 μΩm.
Tensile strength	350 – 770 N/mm2.
Installation	Above ground, buried in ground (unsuitable for anaerobic soils, such as clayey ones etc), embedded in concrete.
Can be connected above ground with	Al, Cu, Cu-A (copper alloy), Cu/eSn, Stainless Steel (SSt), St/eCu, St/tZn.
Can be connected buried in ground with	Cu, Cu-A (copper alloy), Cu/eSn, Stainless Steel (SSt), St/eCu, St/tZn (St/tZn not simultaneously with Cu, Cu/eSn & 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 **31093** 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. 6261810), fasteners (e.g. 6161100, 6130104) for the spacing consult fasteners' installation instructions.

Unit: meter / Package: 50 m approx. / 0,610 kg/m

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