PRODUCT DATA SHEET

Earthing components

Foundation earthing

Lightning protection earthing

Lightning protection systems

Lightning Protection System (LPS) conductors

Code: 6400111-70
Description: Ø10mm hot dip galvanized steel solid round conductor (25m coil), code 6400111-70

Application

Hot dip galvanized steel (St/tZn) solid round conductor used as air termination conductor, down conductor and earth conductor.



Technical characteristics - Installation instructions

Diameter	10 mm
Cross sectional area	78 mm2
Core material	Steel (St)
Coating material	Zinc (Zn)
Zinc coating weight	>350 gr/m2
Type of coating method	Hot dip
Electrical resistivity	0,25 μΩm
Tensile strength	290 – 510 N/mm2
Installation	Above ground, buried in ground, embedded in concrete.
Can be connected above ground with	Al, Stainless Steel (SSt), St/tZn.

Can be connected buried in ground with	SSt (Stainless Steel), St/tZn.
Can be connected in concrete with	Cu, Cu-A (copper alloy), Cu/eSn, SSt (Stainless Steel), 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 ?? 62561-2 “Lightning protection system components (LPSC) – Part 2 : Requirements for conductors and earth electrodes”.
Test reports No **30593 & 31620** 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. 6201810), fasteners (e.g. 6101100, 6130104) for the spacing consult fasteners' installation instructions

Unit: meter / Package: 25 m approx. / 0,616 kg/m

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