PRODUCT DATA SHEET

Lightning protection systems

Lightning Protection System (LPS) conductors

Code: 6400118-70
Description: Ø8mm hot dip galvanized steel solid round conductor (50m coil), code 6400118-70

Application

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



Technical characteristics - Installation instructions

Diameter	8 mm.
Cross sectional area	50 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, embedded in concrete.
Can be connected above ground with	Al, Stainless Steel (SSt), 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 report No **31317** 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: 50 m approx. / 0,395 kg/m

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

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