

# PRODUCT DATA SHEET

## Lightning protection systems

### Lightning Protection System (LPS) conductors

**Code: 6460008-70**

**Description: Ø8mm stainless steel solid round conductor (SSt - grade V2A), code 6460008-70**

#### Application

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



#### Technical characteristics - Installation instructions

Diameter	8 mm.
Cross sectional area	50 mm <sup>2</sup> .
Material	Stainless steel (SSt/V2A).
Electrical resistivity	<0,80 µΩm.
Tensile strength	350 - 770 N/mm <sup>2</sup> .
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 **31082** 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. / 0,395 kg/m**

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