

# PRODUCT DATA SHEET

## Earthing components

### Lightning protection earthing

### Lightning protection systems

## Lightning Protection System (LPS) conductors

**Code: 6460018-70**

**Description: Ø8mm stainless steel solid round conductor, code: 6460018**

### Application

Stainless steel conductor (grade V4A) 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/V4A)
Electrical resistivity	<0,80 µΩm
Tensile strength	350 – 770 N/mm <sup>2</sup>
Installation	Above ground, buried in ground, 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 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 31083** by accredited laboratory as per ISO 17025

### Testing as per IEC EN 62561

Manufacturing quality control according standard ISO 9001

### 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**