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 mm2
Material	Stainless steel (SSt/V4A)
Electrical resistivity	0,80 µΩm
Tensile strength	350 – 770 N/mm2
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