

# PRODUCT DATA SHEET

## Lightning protection systems

### Fasteners for lightning protection conductors

**Code: 6121106-71**

**Description: Ø6 mm conductor fastener, code: 6121106**

#### Classification as per IEC EN 62561

- Metallic.
- With screws.
- Designed to clamp but allow axial movement of the conductor.



#### Technical characteristics - Installation instructions

Material	Copper (Cu)
Screws	M6x16 mm, V2A stainless steel screws. One stainless steel wood fixing screw.
Withstands (according to IEC EN 62561-4)	Lateral load, 200 N. Axial load, 50 N.
Conductor's dimensions	Ø6 mm (25-35 mm <sup>2</sup> )
Compatibility with conductors made of	Cu, Cu/eSn, SSt (Stainless Steel), St/eCu
Tightening torque of conductor	3,5 Nm
Fixing on brick or concrete wall	Through a wood fixing screw (included) and a PVC wall plug Ø8 mm (not included).
Spacing between fasteners of air termination conductors	≤1000 mm for solid conductor <sup>1</sup> ). ≤500 mm for stranded conductor <sup>1</sup> ).
Spacing between fasteners of down conductors	≤1000 mm for solid conductor. ≤1000 mm for stranded conductor used for heights ≤20 m. ≤500 mm for stranded conductor for heights ≥20 m.
Before and after of change of direction or clamp or contraction-expansion absorbing component.	≤300 mm.

#### Testing as per IEC EN 62561

The component has successfully passed the testing requirements of standard IEC EN 62561-4 "Lightning protection system components (LPSC) – Part 4 : Requirements for conductor fasteners".

Test report No **31143** by accredited laboratory as per ISO 17025

### **Manufacturing Quality Control**

Manufacturing quality control according standard ISO 9001

### **Country of Origin**

Greece

### **Optional accessories2**

PVC sealing washer, ELEMKO code 61 03 201