# PRODUCT DATA SHEET

## Lightning protection systems

## Fasteners for lightning protection conductors

**Code: 6121102-71**

**Description: Copper fastener for Ø8–10mm conductor, code 6121102-71**

### Application

Fastening round or stranded conductor. Used in air termination system, down conductor system. Suitable for brick or concrete surfaces.

### Classification as per IEC EN 62561

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

### Technical characteristics - Installation instructions

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|---|---|
| Material | Conductor fastener: copper (Cu) / Spacer: plastic (PL) |
| 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 | Ø8–10 mm (50–70 mm2) |
| Compatibility with conductors made of | Cu, Cu/eSn, SSt (Stainless Steel), St/eCu |
| Tightening torque of conductor | 3,5Nm |
| Fixing on brick or concrete | 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 conductor1). / ≤500 mm for stranded conductor1). |
| 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 **31389** by accredited laboratory as per ISO 17025

## ELEMKO management systems

- ISO 9001
- ISO 14001
- ISO 45001

## Country of Origin

Greece

## Optional accessories

PVC sealing washer, ELEMKO code 61 73 202

## Unit: piece / Package: 50 pieces

1) Where additional mechanical strength is required, e.g snow, strong winds etc, the spacing between the fasteners should be ≤300 mm.

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