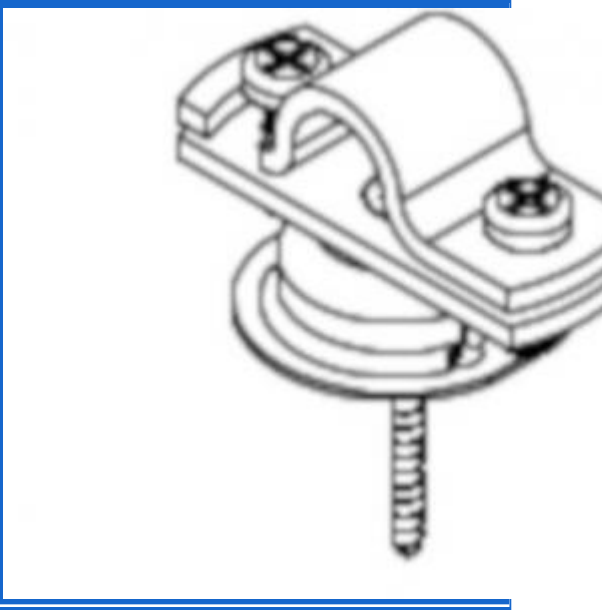
# PRODUCT DATA SHEET

## Lightning protection systems

## Fasteners for lightning protection conductors

**Code: 6121112-71**
**Description: Ø12–14 mm conductor fastener, code: 6121112 (copper fastener))**



### Εφαρμογές

Fastening round rod 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

| | |
|---|---|
| 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. |
| Rod dimensions | Ø12–14 mm |
| Stranded conductor dimensions | 95–120 mm2 |
| Compatibility with conductors made of | Cu, Cu/eSn, SSt (Stainless Steel) |
| Tightening torque of conductor | 3,5 Nm |
| 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 / rods | ≤1000 mm for rod1). ≤500 mm for stranded conductor. |
| Spacing between fasteners of down conductors / earth lead-in rods | ≤1000 mm for rod. ≤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 **31292** by accredited laboratory as per ISO 17025

## Manufacturing Quality Control

Manufacturing quality control according standard ISO 9001

## Country of Origin

Greece

## Optional accessories

PVC sealing washer, ELEMKO code 61 03 201

## Unit: piece / Package: 50 pieces