

## **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	$\leq$ 1000 mm for rod1). $\leq$ 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 ≤300 mm. component.

## 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





