PRODUCT DATA SHEET

Lightning protection systems

Fasteners for lightning protection conductors

Code: 6121202-71
Description: Tape fastener, code 6121202

Application

Fastening tape 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	Fastener: 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	Up to 30x6 mm.
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	≤500 mm1).
Spacing between fasteners of down conductors	≤1000 mm for heights ≤20 m. ≤500 mm 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 **31390** 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 6173202

Unit: piece / Package: 50 pieces