

PRODUCT DATA SHEET

Lightning protection systems

Non isolated LPS

Code: 6421100-71

Description: Franklin air termination rod, code 6421100-71

Application

Rod used as air termination rod.

Interception criteria			LPL			
	Symbol	Unit	I	II	III	IV
Minimum peak current	<i>I</i>	kA	3	5	10	16
Rolling sphere radius	<i>r</i>	m	20	30	45	60



Technical characteristics - Installation instructions

Diameter	30 mm
Length	1000 mm
Core material	Copper alloy
Coating material	Nickel
Electrical resistivity	<0,075 $\mu\Omega\text{m}$
Installation	Above ground.
Can be connected with	Cu, Cu-A (copper alloy), Cu/eSn, SSt (Stainless Steel), St/eCu.
Connection to conductor	Through copper connector, ELEMKO code 65 21 031.

Testing as per IEC EN 62561

The component has successfully passed the testing requirements of standard IEC EN 62561-2 Lightning protection system components (LPSC) – Part 2 : Requirements for .conductors and earth electrodes”. The component can cover lightning systems of LPL II type Test report No **30706** by accredited laboratory as per ISO 17025.

Manufacturing Quality Control

- ISO 9001
- ISO 14001
- ISO 45001

Country of Origin

Greece.

Unit: piece / Package: 1 piece

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

