PRODUCT DATA SHEET

Earthing components

Lightning protection earthing

Lightning protection systems

Lightning Protection System (LPS) conductors

Code: 6420240-70

Description: 240 mm² nominal cross sectional area stranded conductor, code 6420240-70

Application

Copper or tin plated copper stranded conductor used as earth conductor.



Technical characteristics - Installation instructions

Cross sectional area	240 mm².
Material	Copper (Cu).
Electrical resistivity	0,018 μΩm.
Electrical resistance	≤0,0762 Ω/km.
Tensile strength	200 – 450 N/mm².
Installation	Above ground, buried in ground, embedded in concrete.
Can be connected above ground with	Cu, Cu-A (copper alloy), Cu/eSn, Stainless Steel (SSt), St/eCu.
Can be connected buried in ground with	Cu, Cu-A (copper alloy), Cu/eSn, Stainless Steel (SSt), St/eCu.
Can be connected in concrete with	Cu, Cu-A (copper alloy), Cu/eSn, Stainless Steel (SSt), St/eCu, St/tZn.

Comply with

The component complies with standard IEC ?? 62561-2 “Lightning protection system components (LPSC) – Part 2 : Requirements for conductors and earth electrodes”.

ELEMKO management systems

- ISO 9001
- ISO 14001
- ISO 45001

Country of Origin

Greece

Needed accessories

Clamps (e.g. 6222240), fasteners (e.g. 6130240) for the spacing consult fasteners' installation instructions.

Unit: meter

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