PRODUCT DATA SHEET

Earthing components

Lightning protection earthing

Lightning protection systems

Lightning Protection System (LPS) conductors

Code: 6420116-70

Description: 16mm2 nominal cross sectional area copper stranded conductor, code 6420116-70

Application

Copper stranded conductor used as as equipotential bonding conductor in lightning protection systems and as earth conductor in electrical installations.

Technical characteristics - Installation instructions

Diameter	5,1 mm.
Cross sectional area	16 mm2.
Material	Copper (Cu).
Electrical resistivity	0,018 μΩm.
Electrical resistance	≤1,16 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.

ELEMKO management systems

- ISO 9001
- ISO 14001
- ISO 18001

Country of Origin

Greece

Needed accessories

Clamps (e.g. 6221836), fasteners (e.g. 6130034) for the spacing consult fasteners' installation instructions.

Unit: meter / Package: 70 m approx. / 0,450 kg/m

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