PRODUCT DATA SHEET

Earthing components

Lightning protection earthing

Lightning protection systems

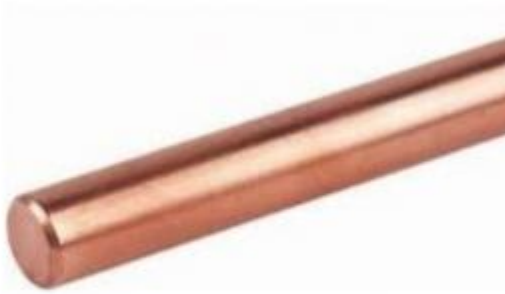
Lightning Protection System (LPS) conductors

Code: 6420010-70

Description: Ø10mm solid round conductor, copper, code: 6420010

Application

Copper or tin plated copper conductor used as air termination conductor, down conductor and earth conductor.



Technical characteristics -- Installation instructions

Diameter	10 mm
Cross sectional area	78 mm2
Material	Copper (Cu)
Electrical resistivity	≤0,018 μΩm
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
Straightening	For straightening can be used straightener, ELEMKO code 6900100

Comply with

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

Manufacturing Quality Control

Manufacturing quality control according standard ISO 9001

Country of Origin

Greece

Needed accessories1)

Clamps (e.g. 6221810), fasteners (e.g. 6121100, 6130071) for the spacing consult fasteners' installation instructions