

PRODUCT DATA SHEET

LIGHTNING PROTECTION AND EARTHING SYSTEM COMPONENTS

Code: 64 20 116 (copper) / 64 22 116 (tin plated copper)

Description: 16mm² nominal cross sectional area stranded conductor

ed.02/2021

Application

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



Technical characteristics

Diameter	5,1 mm
Nominal cross sectional area	16 mm ²
Material	Copper (Cu) or tin plated copper (Cu/eSn)
Electrical resistivity	≤0,018 μΩm
Electrical resistance	≤1,16 Ω/km
Tensile strength	200 – 450 N/mm ²

Installation instructions

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

Manufacturing Quality Control

Manufacturing quality control according standard ISO 9001

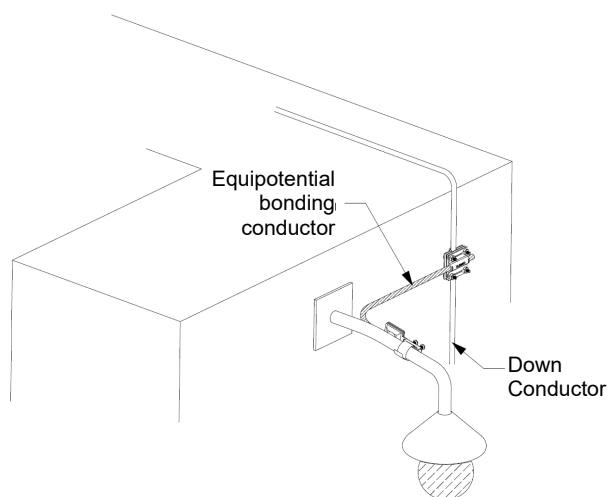
Country of Origin

Greece

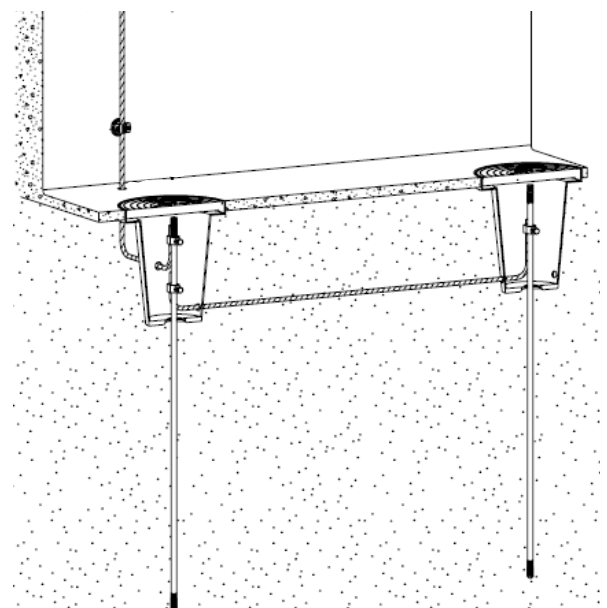
Needed accessories¹⁾

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

Unit: meter / Package: 300 m approx. / 0,139 kg/m



Equipotential bonding conductor
in lightning protection system



Earth conductor in electrical installations

Typical applications of the conductor

¹⁾ See relevant data sheets

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