



PRODUCT DATA SHEET

LIGHTNING PROTECTION AND EARTHING SYSTEM COMPONENTS

Code: 60 02 006 (mast) / 60 13 206 base)

ed.02/2022

Description: 6m height St/tZn Ground Based Mast

Description

6 m height mast, made out of hot dip galvanized steel (St/tZn) tubes. The mast is consisted of two flanged sections (part number ELEMKO 60 02 006) and a base (part number ELEMKO 60 13 206). The bottom of the base is embedded into a concrete foundation, 2,5x1x1,5 m (LxWxD) dimensions.

The mast is used to support air termination rods, withstand wind pressure of ~120km/hr ~150Km/hr

Can also be used as "natural" down conductor according to IEC 62305-3.

Technical characteristics

Material	Hot dip galvanized steel (St/tZn)
Height	6 m
Diameter of air termination rod to be supported	30 mm outer diameter.
Connection of air termination rod	Through the provided M8x60 mm bolts and " 8 nuts.
Connection of down conductor	To the specific receptions of the mast through a double bonding clamp (not included).
Can be connected with	Al, Copper Alloy (Cu-A), Cu/eNi, Cu/eSn, Stainless Steel (SSt), St/tZn
Foundation	A trench should be excavated, 2,5x1x1,5 m (LxWxD) dimensions, where the mast's base will be embedded in concrete.
Lifting arrangement tube	Into the concrete foundation a lifting arrangement tube (part number ELEMKO 6003003 – not included) may be embedded which may be used to lift the mast without the help of a crane.

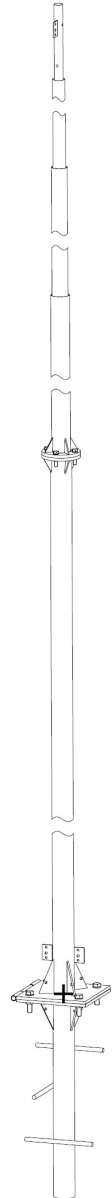
Manufacturing Quality Control

Manufacturing quality control according to standard ISO 9001

Country of Origin

Greece

Unit: piece



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