



TPKA

## Lightning rods

## Lightning rods

TPKA lightning rods suitable for external lightning protection. It can be used as single sensor element or part of passive protection, complementing the protection conductive mesh (Faraday cages). Made of 304 stainless steel.

- Characteristics
- Simplicity.
- Low cost.
- Easy installation.

## Application

Residential  
Buildings  
Tower

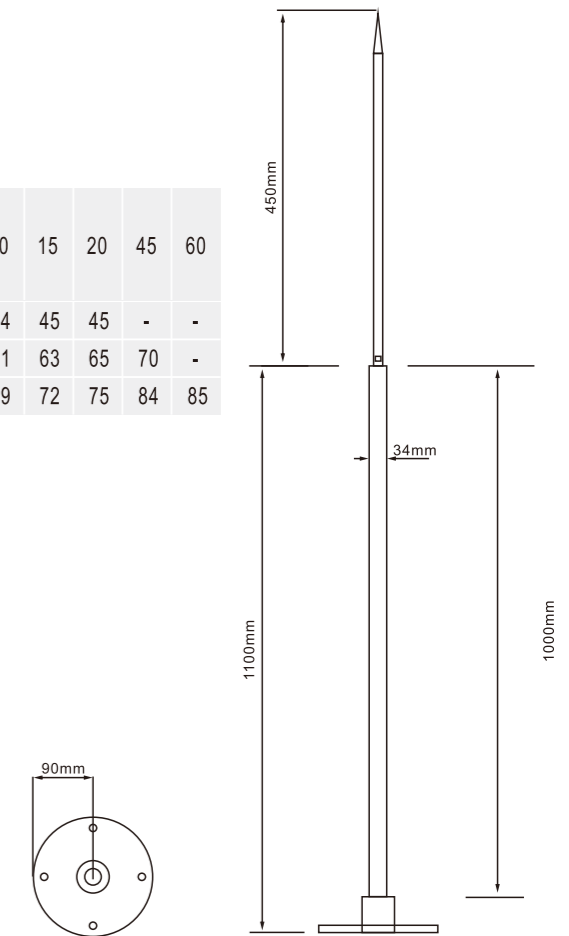
## Features/Benefits

Simplicity  
Low cost  
Easy installation  
Max. current 200kA  
No maintenance  
Stainless steel 304

## Data sheet

Coverage radius (m)	Height (m)											
	2	3	4	5	6	7	8	10	15	20	45	60
LEVEL I	17	25	34	42	43	43	43	44	45	45	-	-
LEVEL II	23	34	45	57	58	59	59	61	63	65	70	-
LEVEL III	26	39	52	65	66	66	67	69	72	75	84	85

## Dimensions



## Installation

- The tip of the lightning rod should be situated, at least two meters above the highest building to be protected.
- For its installation on a mast, the corresponding head-mast adapter is needed for the lightning rod.
- The cabling on the roofs should be screened protected against surges and connect to ground the metallic structures present within the safety zone.
- The lightning rod should be connected to a grounding point by way of one or various conducting cables which will go down, whenever possible, the exterior of the construction with the shortest and straight possible trajectory.
- The earth termination systems, whose resistance should be the lowest possible (less than 10 ohms), should guarantee the most rapid possible dispersion of the lightning current discharge.