

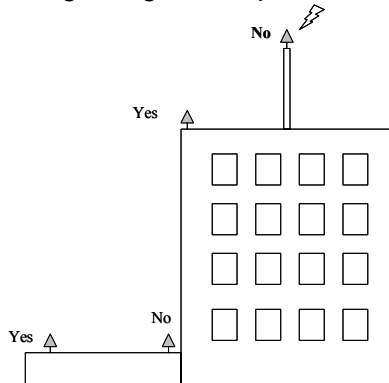
Safe GPS Antenna Installation

Introduction

This application note describes where and how to install safely a GPS antenna.

Where to install the GPS Antenna

The antenna must be located on a place with a direct view to the sky. Usually the best place is on the roof with no important masks due to other buildings for instance. However, to avoid lightning, it is important that the antenna is not the highest point in the surrounding.



Lightning protection

A lightning surge arrester must be installed at the entrance of the building. It must be grounded to a lightning ground, that is separated to the instrument ground. Please ask for your local regulation about this question. The surge arrester will not protect the GPS receiver against high voltage destruction, it is for human safety.

