

# Lightning protection measures for general communication base station power supply

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Title: Lightning protection measures for general communication base station power supply

Generated on: 2026-06-29 17:39:24

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In this article, we break down the key requirements of the industry standard YD5068-98 - Code for Design of Lightning Protection and Grounding of Mobile Communication Base Stations, and explain ...

Properly install dedicated grounding devices, such as lightning rods and protection lines, to actively attract and dissipate lightning energy, providing direct protection for base station equipment.

This article explores four aspects of lightning protection for 5G base station power supply and provides a complete solution for lightning protection of 5G mobile base station power supply.

Install lightning rods, grounding, surge protectors, shielding, and follow standards for effective communication station protection.

This section describes the lightning protection and grounding requirements. Ensure that the equipment room meets the requirements because lightning is one of the major factors that causes damage to ...

May 8, 2025 &#183; Lightning protection for telecom communication base stations involves a multi-layered approach, including direct and indirect lightning strike protection.

In base station lightning protection design, the grounding grid and ground busbars are key components. With proper design, they can effectively reduce the impact of lightning on the station.

The purpose of this Recommendation is to give detailed guidance on protection procedures, so that an engineer who is not a lightning protection expert can accomplish the design of the lightning ...

The first level lightning arrester is used to discharge most of the lightning current, and subsequent lightning

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arresters further limit residual voltage to protect power equipment such as ...

The lightning protection of the communication room should include the lightning protection grounding of the room building, the lightning protection grounding of the room equipment and the power supply ...

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