

What are the principles of electric shock in the power supply of communication base stations

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Begin with a detailed description of a macro base station and recommendations for protecting the base station circuitry. Two crucial focus areas are the tower-mounted amplifier and the ...

One wire of the feedline connects to the base of the antenna, and the other connects to ground. The connection to ground has to have a low RF resistance, or you'll expend too much of your power ...

Protective measures against electric shocks are based on two well known dangers: Direct contact: contact with an active conductor, i.e. which is ...

Failure to properly ground communications systems can result in electric shock and/or property damage. According to insurance industry data, improper ...

A direct hit of lightning or damage to GSM and base stations through electromagnetic surges can cause interruptions in communication networks and ...

By maintaining the same electrical potential, the risk of electrical shock and equipment damage due to voltage differences is significantly ...

Abstract: This paper provides a summary of the IEC protection against electric shock.

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 ...

In this paper, artificial intelligence and Internet of Things technology are applied to the communication system. The tag sensor is used in the monitoring system and is also used as the...

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