

# **Base station communication using folding containers**





## Overview

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This paper proposes a compact and broadband dual-polarized base station antenna based on current path extension for 2G/3G/LTE base stations. The antenna is miniaturized by bending the end of th.

What is a mobile base station?

A mobile base station, also called a base transceiver station (BTS), is a fixed radio transceiver in any mobile communication network or wide area network (WAN). The base station connects mobile devices to the network and routes them to other terminals in the network or to the core network of a mobile operator. Read more [Explore Mobile base](#).

What is an active antenna system (AAS) in a mobile base station?

[Explore Mobile base](#). Our products and. An active antenna system (AAS) in a mobile base station is a transceiver that integrates an antenna and radio frequency (RF) components in a single unit. This integration improves performance in mobile networks and enables some of the following advan.

Can a dual polarized base station antenna be miniaturized based on current path extension?

This paper proposes a compact and broadband dual-polarized base station antenna based on current path extension for 2G/3G/LTE base stations. The antenna is miniaturized by bending the end of the radiator to extend the current path. By bending the antenna, a new resonant mode is introduced to increase the bandwidth.

How to miniaturize a base station antenna?

Miniaturization of the base station antenna involves radiator miniaturization and profile miniaturization. The methods for radiator miniaturization mainly include current path extension , , , dielectric loading , , , increasing equivalent reactance , , and shared-dipoles , .



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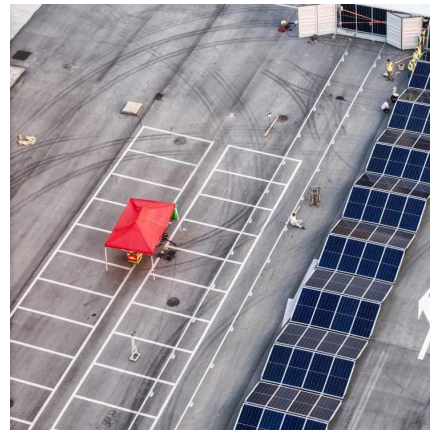


### [Multiuser Communications with Movable-Antenna Base ...](#)

Aug 26, 2023 · Abstract--Movable antenna (MA) is an emerging technology which enables a local movement of the antenna in the transmitter/receiver region for improving the channel ...

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### Mobile base station , Application

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## Coordinated Container Migration and Base Station Handover ...

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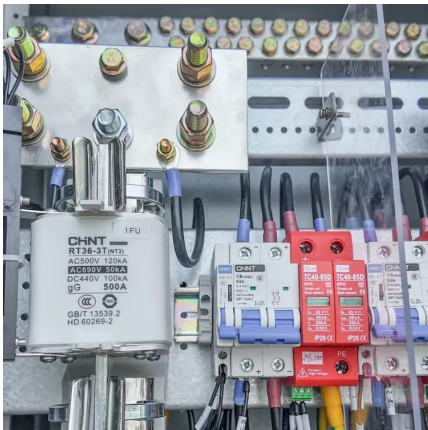
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