

## A-Core Container

# What is micro base station communication equipment



## Overview

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A micro base station, also known as a small cell or small base station, is a small, low-power wireless access point that serves a specific geographic area. What is a mobile communication base station?

Mobile communication base station is a form of radio station, which refers to a radio transceiver station that transmits information between mobile phone terminals through a mobile communication exchange center in a certain radio coverage area.

What is a micro base station?

A micro base station is a relatively small-scale base station with a smaller coverage area than a macro base station. It is usually set up in densely populated areas such as indoors, office buildings, shopping malls, subway stations, etc. to provide better signal coverage and capacity support.

What is a base station?

Base stations are one of the widely used components in the field of wireless communication and networks. It is an access point or base point of a particular area for network accessibility. In this article, we will discuss the different types of base stations with their advantages and applications in the real world.

What is the difference between a macro base station and a micro base station?

A macro base station has a large coverage distance, generally 35 km, and is suitable for suburban areas with dispersed traffic. It has omnidirectional coverage and high power. A micro base station is mostly used in cities with a small coverage distance, generally 1-2 km, and directional coverage.

Why is construction of mobile communication base stations important?

The construction of mobile communication base stations is an important part of the investment of mobile communication operators, and is generally carried

out around factors such as coverage, call quality, investment benefits, construction difficulty, and maintenance convenience.

How many types of base stations are there?

Macro cell, Micro cell, Pico cell and Femto cell are 4 types of base stations in wireless communication networks. Macrocell antennas must be properly mounted on ground-based masts, rooftops or other existing structures and at heights for an unhindered, clear view of the surroundings.

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