



LLSE CONTAINERS

# Outdoor 9m signal base station





## Overview

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What is a 4G & 5G LTE base station?

Covering all common 4G and 5G LTE bands, the base stations feature software-defined radio, allowing great flexibility of operation and future upgrade paths. The CableFree Advanced 4G and 5G LTE SDR (software-defined radio) Small Cell Base Station – Outdoor Version – is suitable for a wide variety of applications.

Do mobile phones need a base station?

Mobile phones and other mobile devices require a network of base stations in order to function. The base station antennas transmit and receive RF (radio frequency) signals, or radio waves, to and from mobile phones near the base station. Without these radio waves, mobile communications would not be possible.

What is a base station antenna?

The base station antennas transmit and receive RF (radio frequency) signals, or radio waves, to and from mobile phones near the base station. Without these radio waves, mobile communications would not be possible. Radio waves have been used for communication for more than 100 years. Radio and television broadcasting are well-known examples of this.

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### [Base stations and networks](#)

Base Stations Enable Mobile Communications  
Antennas Are Placed in Various Locations  
More Mobile Devices Means More Base Stations  
Base Station Output Power Is Low  
Exposure Limits Are Set by Independent Organizations  
Exposure Levels Are Much Lower Than The Limits  
Public Access Is Restricted Where Needed  
No Adverse Health Effects According to The WHO  
The antenna output power level is typically between 10 and 100 watts for an outdoor base station. Television transmitters, by



comparison, usually have a thousand times higher output power than outdoor base stations. Antennas mounted indoors have about the same power as mobile phones. See more on ericsson made-in-china

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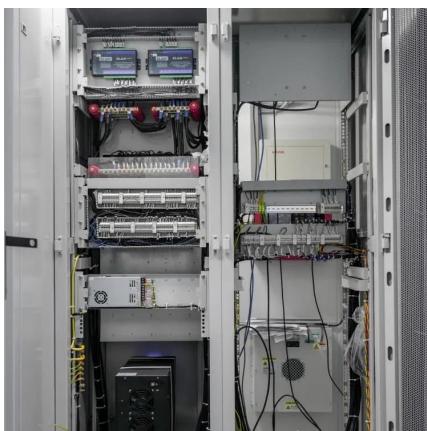


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Advanced 4G & 5G LTE-Advanced Base Station and EPC Infrastructure CableFree offers the Emerald range of 4G & 5G LTE Base Station and core EPC products featuring advanced ...

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### Mobile communication base station

The mobile communication base station refers to radio wireless transmission between mobile communication switching center and telephone terminal. The base station plays an important ...



### China NB-IOT Outdoor Base Station Manufacture and ...

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