

# **5g micro base station communication principle**





## Overview

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What is 5G & how does it affect a communication system?

The construction of the 5G network in the communication system can potentially change future life and is one of the most cutting-edge engineering fields today. The 5G base station is the core equipment of the 5G network, and the performance of the base station directly affects the deployment of the 5G network.

Can a base station be used for 5G?

Conferences > 2018 IEEE International RF an. The fifth-generation (5G) mobile communication system will require the multi-beam base station. By taking into account millimeter wave use, any antenna types such as an array, reflector and dielectric lens antennas are possible for a base station application.

What is a 5G O-ran micro-cell base station?

Unlike the small cell product development currently predominant in Taiwan's network communication industry, this 5G O-RAN micro-cell base station system overcomes challenges including heat dissipation, signal distortion, and beamforming.

Can a multi-beam base station be used in a 5G mobile communication system?

Abstract: The fifth-generation (5G) mobile communication system will require the multi-beam base station. By taking into account millimeter wave use, any antenna types such as an array, reflector and dielectric lens antennas are possible for a base station application.



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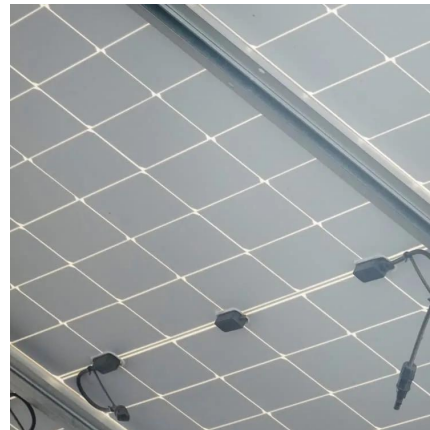


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