

What equipment does an outdoor base station have





Overview

What is an outdoor compact base station?

Outdoor compact base stations These base stations are designed for installation in any type of outdoor scenario. They offer a high degree of IP protection, which allows them to operate in the most adverse conditions (rain, extreme heat, wind, humidity, saline environments.) without requiring an additional mechanical cover.

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.

Why do small outdoor base stations have a better performance than rack-mount base stations?

In recent years, technological advances have meant that this base station format has improved its performance in terms of RF power and traffic channels. Thus, by adopting new signal processing techniques such as SDR (Software Defined Radio), small outdoor base stations have been able to match the performance of rack-mount base stations.

Are base stations a good way to stay connected?

Base stations are a great way to stay connected, especially during an emergency. We have base station radios, antennas, and microphones! Same with a vehicle antenna, the longer and higher the antenna is, the more range you will get.

What is a transportable base station?

Due to the characteristics of size and ability to operate in hostile environmental conditions that we have reviewed in outdoor base stations,



transportable base stations are ideal for installation in vehicles or, in general, to be used in mobility environments by incorporating transport accessories.

What is an indoor base station?

Indoor base stations in rack format This is the most common type of base station, in which all its components are integrated in a rack-type cabinet, which provides more space for more modules or components. This can enable, for example, redundancy of all components, thereby improving system availability.



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