

What is a base station called?

Usually, a base station in this kind of network is called a site. The base site with an omni-antenna covers only one cell; while the base site with a directional antenna covers three cells. Types of sites: O-type sites and S-type sites, and the models are shown in Figure 70.

How many lbbp boards can be configured in a base station?

The number of LBBP boards to be configured in a base station that supports LTE depends on the number of cells, bandwidths, antenna configurations, and the number of CPRI ports to be supported by the base station. Each BBU working in LTE mode needs to be configured with at least one LBBP and each LBBP supports six RF modules.

How many cabinets can a site support?

A site supports a maximum of two cabinets (one AC cabinet and one DC cabinet). By default, a cabinet contains two PSUs (AC/DC). When the total power consumption of a single cabinet exceeds 2900 W, an additional PSU (AC/DC) is required. BBU. BTS3900AL -48 V DC outdoor cabinet This cabinet is required when more than 9 RFUs are configured at a site.

How many WBBP boards can be configured in a base station?

The number of WBBP boards to be configured in a base station depends on the number of cells, number of uplink and downlink CEs, signaling processing capability, and number of CPRI ports to be supported by the base station. When the DC-HSDPA+MIMO feature is used: If the WBBPf1, WBBPf2, or WBBPf3 is used, each sector must be configured with one WBBP.

What is the ZXG10-bss base station subsystem?

The ZXG10-BSS Base Station Subsystem provides and manages radio transmission in GSM, and it is composed of the ZXG10-BSC Base Station Controller and the ZXG10-BTS Base Transceiver Station. ZXG10 OB06 is one of the ZXG10-BTS series of base transceiver stations, and is an integrated outdoor BTS for GSM.

How many PSUs does a bts3900a cabinet have?

By default, a cabinet contains two PSUs (AC/DC). When the total power consumption of a single cabinet exceeds 2900 W, an additional PSU (AC/DC) is required. The cabinet of the 01 type is used in cold areas with a temperature below -20°C. Outdoor cabinet for stacked installation for a BTS3900A site supplied with 220 V AC power.

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Base station outdoor cabinet configuration

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This document describes the principles for configuring hardware in 3900 series base stations. It provides definitions for base station components like BBUs, ...

These checklists and punchlists are intended to aid customers and Alcatel-Lucent personnel during a base station site Method of Procedure (MOP) walk-through before equipment ...

According to the current bidding of China Tower, China Mobile, China Unicom and China Telecom, the telecom integration outdoor cabinet is generally divided into two specifications.

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The minimum configuration of a macro base station includes the minimum configurations of cabinets, baseband processing boards, main control boards, and RF modules.

Based on the specific configuration requirements in this document, the quantities of components to be configured in a base station can be calculated and planned.

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Explore the key design requirements for outdoor telecom cabinets, including durability, security, thermal management, and compliance with industry standards.

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ZXG10 OB06 is a high-capacity outdoor BTS for GSM, with a single cabinet supporting six carriers at the maximum. It is to be installed outdoors, integrating functions of transmission, ...

40U Heat Exchanger Cooled Telecom Enclosure This 24U thermostatic outdoor cabinet with NEMA-rated electrical enclosure is designed for telecom, solar, and power distribution ...



Base station outdoor cabinet configuration

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