

Working Principle of Outdoor Integrated Base Station





Overview

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.

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.

What is the working principle of zxg10 ob06 (v1.0)?

The working principle of ZXG10 OB06 (V1.0) is shown in Figure 3. The ZXG10 OB06 (V1.0) system is composed of an operation and maintenance unit, a baseband processor, an RF unit, an antenna feeder processor, a transmission unit, a power unit and a heat exchanger. The working principle of the system is as follows:.

What is the procedure of BS power control executed by the BSc?

The procedure of BS power control executed by the BSC is shown in Figure 45. This optional procedure can have the BSC set the TRX transmission power level or the parameter that the TRX uses to control the TRX transmission power. The initial parameters are set in the CHAN ACTIV message by the BSC.



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