JTD-DRP-DW-90-37

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LTE1800+LTE/UMTS2100 Digital RF Repeater (37dBm)

??: ????
1-2 months

[?????????]

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LTE1800+LTE/UMTS 2100 ???????

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LTE1800+LTE/UMTS 2100 Digital RF Repeater

Digital Repeater use the software defined radio (here we call SDR) technology to transfer the mobile signals into digital numbers of 0 and 1, so that the signals can be processed in the digital mode. Compared with analog repeaters, SDR not only is able to improve the cell enhancement performance, but also strengthen and add more functions to the repeaters. SDR enables the future networks to work on a single hardware platform, and realize the systems of different frequencies and more functions simply by software, which in a long run will make the system more flexible, easier and quicker to implement without cost increase.

Compared with building a new base station, digital repeater is a more economical solution to improve signal coverage and communication quality. And it is easy to install and maintain, which can help operators quickly achieve coverage results.

The digital repeater is an amplifier between the base station and the mobile terminal. It receives the strongest signal from the base station through the donor antenna, linearly amplifies the signal and transmits it to the weak signal/blind area through the indoor signal distribution system. At the same time, the mobile signal can also pass Amplify and transmit to the base station via the opposite direction.