

High Power

ICS Digital Repeater for WCDMA Wireless Network Cost effective/High Performance Network coverage & capacity solution

Product Overview

WCDMA ICS RF 10W/20W SOLUTION



ICS Repeater

WCDMA operators can provide indoor/outdoor coverage for better call quality, increased revenue and effective utilization of the installed system capacity at minimum cost.

ICS Digital Repeater - Features

Cost effective WCDMA ICS Series is a BTS Complimentary Equipment for expanding coverage with low investment. WCDMA ICS system offers an adaptive interference cancellation at the same frequency and feedback signals.

ICS Digital Repeater - Management

WCDMA ICS repeater can be easily monitored and controlled using built-in microprocessor. Following extensive features are included for managing system easily.

- ◆ User selectable uplink/downlink RF gain
- ◆ Parameter monitoring and alarm reporting
- ◆ Easy setup & maintenance feature

Key Features

Features

- ☐ **FA Manual Selection**
Each Channel Selection manually
- ☐ **Local and Remote Control**
Direct control (Notebook by RS-232 Interface)
Remote monitor and control: NMS (Wireless modem)
- ☐ **ALC (Auto Level Control)**
System protection from overload of output power
- ☐ **Power Level Monitoring**
Monitor input and output power levels
Set threshold power level to protect equipment from damages
- ☐ **FWD and RVS HPA Auto Shutdown**
Protects HPA from output over power, over temperature or VSWR overload
- ☐ **Automatic Isolation Check**
Antenna Isolation + 10 dB

Benefits / Applications

- ☐ **Cost Efficiency**
Inexpensive solution to extend coverage replacing Micro BTS
- ☐ **High Output Power and Low Noise Figure**
Extend coverage of existing sites by up to 100%
- ☐ **Less Limitation of Line of Sight (LOS)**
ICS Repeater amplifies WCDMA signals directly from the air, with less limitation of LOS.
- ☐ **Easy Deployment**
Compact/Lightweight Repeater can easily be installed at sites where traditional BTS do not fit
- ☐ **Various Applications**
ICS Repeater can be applied to highway, rural, suburban, Tunnel, Indoor and any other shaded areas
- ☐ **Stability of Service Quality**
Improved call quality and signal strength



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for Mobile Internet