
Tri-Band GSM&DCS&WCDMA In-line Repeater From
<http://www.jammerbooster.com/>

| | |
|----------|-------------------------------------|
| MODEL: | KR-4345CDW/ KR4345-GDW |
| SIZE: | 690mm* 420mm*260mm690mm* 420mm*260m |
| PACKAGE: | Neutral packing |

Tri-Band CDMA/GSM&DCS&WCDMA In-Line Repeater/ Trunk Amplifier

Model: KR-4345CDW/ KR4345-GDW

Introductions:

The Tri-band CDMA800/GSM900&DCS1800&WCDMA In-Line Repeater/ Trunk Amplifier provides an affordable solution to solve the indoor signal coverage problems in both CDMA800/ GSM900&DCS1800&WCDMA system due to signal fading and attenuation caused by architecture obstacles. And its easy installation and maintenance can help carrier get fast return.

Features:

Support DCS &WCDMA &CDMA/GSM system;

Using the common RF cables to guarantee the even distribution of indoor signals and minimize the construction influence and user investment;

Multiple data transmission modes (RS-485, PSTN, GSM Modem, etc.), perfect system monitoring functions;

Centrally-controlled system monitoring function available; providing one interface for the monitoring of all equipment in the entire distribution system

Applications

To expand signal coverage or fill signal blind area where signal is weak or unavailable.

Indoor: Hotels, exhibition centers, basements, shopping malls, offices, parking lots, etc.

Specifications:

| Items | CDMA800/GSM900 | DCS1800 | |
|--|--|--|---------------|
| Working Frequency | Uplink | 824-849MHz/ 890-915MHZ | 1710~1785 MHz |
| | Downlink | 869-894MHz/ 935-960MHz | 1805~1880MHz |
| (customized) | | | |
| Output Power | 43dBm/0dBm | 43dBm/0dBm | |
| Gain | | 45dB | |
| Range for gain regulation | | ? 25dB | |
| Step for gain regulation | | 1dB | |
| ALC&AGC | With every increase of 10dB in input level, output power variation must be | | |
| Spurious Emission Within working band | ? -15dBm/30kHz | ? -15dBm/30kHz | Comply |
| Out of working band | 9kHz~1GHz: ? -36dBm/30kHz | 9kHz~1GHz: ? -36dBm/30kHz | |
| (?f > 2.5MHz) | 1GHz~12.75GHz: ? -30dBm/30kHz | 1GHz~12.75GHz: ? -30dBm/30kHz | |
| Inter-Modulation Attenuation | ? -45dBc / 30kHz (measured under rated output power) | ? -40dBc / 30kHz (measured under rated output power) | Comply |
| In-band Ripple | ? 4dB | ? 4dB | ? 4dB |
| Noise Figure(Uplink) | ? 5dB | ? 5dB | |
| Adjacent Channel P ? 31 dBm | $\pm 750\text{KHz} ? -45\text{dBc}/30\text{kHz} \pm$ | -- | (Offset) |
| Power Ratio (ACPR) P ? 31 dBm | 1.98MHz? -60dBc/30kHz | | (Offset) |
| System Delay | | ?1.5us | |
| Out-of-Band | 2.7 ? f offset < 3.5 MHz | -- | -- |
| Gain | 3.5 ? f offset < 7.5 MHz | | |
| | 7.5 ? f offset < 12.5 MHz | | |
| | 12.5 ? f offset | | |
| Peak Code Domain Error (PCDE) | -- | -- | |
| I/O Impedance | | 50? | |
| RF Connector | | N-Type (Female) | |
| Temperature Range | | Operation:-25°C~ +55°C/ Storage:-30°C~ +60°C | |
| Relative HumidityRange | | ? 95% (non condensing) | |
| Power Supply (customized) | | AC 220V, 50Hz | |
| Backup Power Supply (optional) | | 4 hours | |
| Dimensions | | 690mm*420mm*260mm | |

Weight
Indication LED

50kg
Power supply, Alarm, state



