
Dual-Band In-line Repeater From <http://www.jammerbooster.com/>

MODEL:	KR-4345CW/ KR-4345CW/ KR-4345DW
SIZE:	630*400*230mm
PACKAGE:	Neutral packing

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

Model: KR-4345CW/ KR-4345CW/ KR-4345DW

Introductions:

The Dual-Band CDMA800/GSM900/DCS1800&WCDMA In-Line Repeater/ Trunk Amplifier provides an affordable solution to solve the indoor signal coverage problems in both DCS1800&WCDMA system due to signal fading and attenuation caused by architecture obstacles.

Features:

Support CDMA/GSM/DCS &WCDMA 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	WCDMA
Working Frequency	Uplink 824-849MHz/ 890-915MHz 1710~1785 MHz(customized)	1920~1980 MHz(customized)
(customized)	Downlink 869-894MHz/ 935-960MHz 1805~1880MHz (customized)	2110~2170 MHz(customized)
Max 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 with in 2 dB	
Spurious Emission Within working band	? -15dBm/30kHz	Comply with 3GPP TS 25.106 V6.0.0
Out of working band	9kHz~1GHz: ? -36dBm/30kHz 1GHz~12.75GHz: ? -30dBm/30kHz	
(?f > 2.5MHz)		
Inter-Modulation Attenuation	? -40dBc / 30kHz (measured under rated output power)	Comply with 3GPP TS 25.106 V6.0.0
In-band Ripple	? 4dB	? 4dB p-p / 3.84 MHz
Noise Figure(Uplink)	? 5dB	? 5dB
Adjacent Channel P ? 31 dBm	--	(Offset 5MHz) ? 49dBc
Power Ratio (ACPR) P ? 31 dBm		(Offset 10MHz) ? 54dBc
System Delay		
Out-of-Band	2.7 ? f offset < 3.5 MHz	? 60dB
Gain	3.5 ? f offset < 7.5 MHz	? 45dB
	7.5 ? f offset < 12.5 MHz	? 45dB
	12.5 ? f offset	? 30dB
Peak Code Domain Error (PCDE)	--	? -35dB
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		630*400*230mm
Weight		35kg
Indication LED		Power supply, Alarm, state

