### 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.

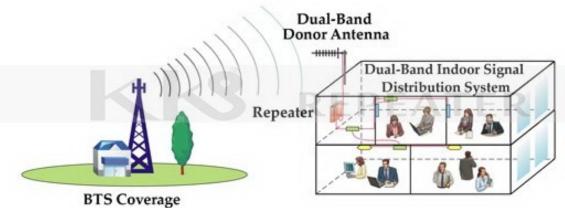
Indoor: Hotels, exhibition centers, basements, shopping malls, offices, parking lots, etc.

## Specifications:

Items		CDMA800/ GSM900/ DCS1800	WCDMA	
Working Frequency	Uplink	824-849MHz/ 890-915MHZ 1710~178	85 1920~1980 MHz(customized)	
		MHz(customized)		
(customized)	Downlink	869-894MHz/ 935-960MHz 1805~1880I (customized)	MHz 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 d		
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	on Attenuation	? -40dBc / 30kHz (measured under rate output power)	ted Comply with 3GPP TS 25.106 V6.0.0	
In-band Ripple		? 4dB	? 4dB p-p / 3.84 MHz	
Noise Figure(Uplink	3)	? 5dB	? 5dB	
Adjacent Channel	•	<del></del>	(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		0.4540	
	7.5 ? Foliset < 12.5 MHz		? 45dB	
	12.5 ? f offset		? 30dB	
Peak Code Dor	main Error (PCDE)	<del></del>	? -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 su	pply, Alarm, state	

2/3





3/3