

## SPECIFICATIONS

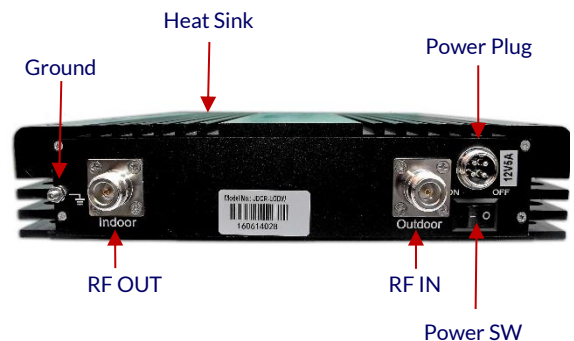


Electrical Specification		Uplink	Downlink
Frequency Bands	LTE 800 MHz	831 ~ 861 MHz	791 ~ 821 MHz
	GSM 900 MHz	890 ~ 915 MHz	935 ~ 960 MHz
	DCS 1800 MHz	1710 ~ 1785 MHz	1805 ~ 1880 MHz
	WCDMA 2100 MHz	1920 ~ 1980 MHz	2110 ~ 2170 MHz
	UMTS 2600 MHz	2500 ~ 2570 MHz	2620 ~ 2690 MHz
Output Power		≥15dBm	≥20dBm
Max Gain		≥65dB	≥70dB
Filter Bandwidth		Wideband	
Manual Gain Control		≥ 31dB	
Intermodulation Products	9KHz~1GHz	≤ -36dBm	≤ -20dBm
	1GHz~12.75GHz	≤ -30dBm	≤ -20dBm
Spurious Emission	9KHz~1GHz	≤ -36dBm	
	1GHz~12.75GHz	≤ -30dBm	
Gain Flatness		LTE & GSM: ≤5dB, DCS & WCDMA: ≤8dB UMTS ≤6dB	
Noise Figure		≤ 8dB	
VSWR		≤2	
Spurious Emission Mask		Complies with 3GPP TS 25.106	
Modulation Accuracy			
Peak Code Domain Error			
Group Delay		≤ 1.5μs	
Frequency stability		≤ 0.01ppm	
Variable Gain		The UL gain automatically attenuates at the same dB level as the DL gain when the ALC is activated, however the DL gain does not change if UL automatically attenuates.	
OSCILLATION DETECTION	Detection time @1st	≤300mS	≤1000mS
	Restart time @ 2nd	≥60S	≥60S
	Restart times	≤5	≤5
LED Alarm		Standard	
Power LED		Power Indicator	
ALC LED		Orange @ ALC 1~5dB, Red @ ALC15dB~20dB	
Mechanical Specifications		Standard	
I/O Port		N-Female	
Impedance		50 ohm	
Operating Temperature		-25℃~+55℃	
Environment Conditions		IP40	
Dimensions		275 x 268 x 300mm (10.83" x 10.55" x 16")	
Weight		≤8Kg (17.6Lbs)	
Power Supply		Input AC90~264V,output DC12V / 5A	

### DIP SWITCH ADJUSTMENTS



### Mount Holes



## FEATURES:

The JDCR-LGDW Indoor Cellular Repeater is a medium-powered, 5 Band Gain Adjustable Repeater that is perfect for providing wireless coverage to an office building, department store, warehouse, underground parking lot, or multi-story building. Our repeaters help mitigate less than desirable PN scans in RF polluted environments thru the use of high linear amplifiers, properly specified output power limits and a well-designed alarm/protection circuitry.

- Unlimited Call Capacity • Industry Leading 5 Band Repeater • 70dB Gain / 20dBm Output Power • 36 Months Warranty • 30 Day Money Back Guarantee
- MUTE - Auto Shut Down if oscillation is detected • MGC: Manual Gain Control (UL & DL) • Automatic Limit Control Feature • Coverage Area - (45,000 - 55,000 sq ft)
- Supports 90-240 Volts • Alarm LED's for Error Detection • Supports Any Cellular Device (Voice & Data) • AGC Feature
- Carrier Grade Performance & Quality • Phone Tech Support That's Second to None and is Free!

