

SPECIFICATIONS

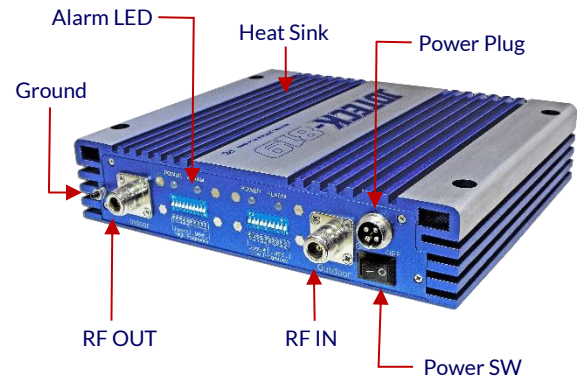


Electrical Specification	Uplink	Downlink
JDCR-7C/850-17	776~787 MHz	746~757 MHz
	824~849 MHz	869~894 MHz
JDCR-819-17	824~849 MHz	869~894 MHz
	1850~1910 MHz	1930~1990 MHz
JDCR-918-17	890~915 MHz	935~960 MHz
	1710~1785 MHz	1805~1880 MHz
JDCR-921-17	890~915 MHz	935~960 MHz
	1920~1980 MHz	2110~2170 MHz
Max Gain	≥ 63 dB	≥ 65db
Gain Flatness	CDMA / GSM / LTE	<=5dB
	PCS & DCS	<=10dB
	WCDMA	<=5dB
AGC Range	≥15dB	
Gain Control Range(MGC)	≥31dB in 1 dB step	
Max Input Power	0dBm	
Output Power	≥12dBm	≥15dBm
Inter-modulation	9KHz~1GHz<-36dBm	9KHz~1GHz<-20dBm
	1GHz~12.75GHz<-30dBm	1GHz~12.75GHz<-20dBm
Spurious Emission	9KHz~1GHz<-36dBm / 1GHz~12.75GHz<-30dBm	
Spurious Emission Mask	Complies with 3GPP TS 25.106	
Modulation Accuracy	Complies with 3GPP TS 25.106	
Peak Code Domain Error	Complies with 3GPP TS 25.106	
ACRR	≥30dB @ ±5MHz & ±10MHz	
Frequency Stability	≤0.01ppm	
Noise Figure	≤5dB	
Group Delay	≤0.5 micro Sec	
V.S.W.R	≤2	
Impedance	50Ω	
<b>LED Alarm</b>	<b>Standard</b>	
Power LED	Power Indicator	
ALC LED	Orange @ ALC 1~5dB, Red @ ALC15dB~20dB	
<b>Mechanical Specifications</b>	<b>Standard</b>	
I/O Port	N-Female	
Impedance	50 ohm	
Operating Temperature	-25°C~+55°C	
Environment Conditions	IP40	
Dimensions	250 x 250 x 52mm / 9.8 x 9.8 x 2 Inches	
Weight	≤5.0Kg / 11Lbs	
Power Supply	Input AC90~264V,output DC12V / 5A	

DIP SWITCH ADJUSTMENTS



Mount Holes



FEATURES:

The JDCR- DB Series Cellular Repeater is a medium-powered, gain adjustable quad band repeater engineered for use in a residential DAS application needing to provide enhanced cellular coverage for Voice, 3G and 4G high speed data. JDTECK's repeaters are built with carrier level optimization in mind, therefore only the highest quality components are used. These include low noise amplifiers with high linearity, properly specified and set output power limits and well-designed alarm/protection circuitry.

- Unlimited Call Capacity • Industry Leading Dual Band Repeater • 65dB Gain / 17dBm Output Power • FCC Approved • 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 - (12,000 - 18,000 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!

