

Uniden® U65

BOOSTER TECHNICAL SPECIFICATIONS



Electrical Specifications		Uplink	Downlink
Frequency range	CDMA 850 PCS1900	824 ~ 849 MHz 1850 ~ 1910 MHz	869 ~ 894 MHz 1930 ~ 1990 MHz
Max Gain		≥ 60dB	≥ 65dB
Max Output Power		≥ 10dBm	≥ 10dBm
Average Output Power		≥ 9dBm	≥ 9dBm
Bandwith	CDMA PCS	25 MHz 50MHz	60 MHz
20 dB Bandwidth (nominal)	CDMA PCS	35 MHz 75 MHz	40 MHz 80 MHz
MGC (Step Attenuation)		≤15dB 5, 10 and 15dB with two DIP switches	
Automatic Level Control		≤15dB, auto shut off after 15dB	
Gain Flatness	CDMA PCS	≤ 8dB (p-p) ≤ 12dB (p-p)	≤ 10dB (p-p)
Noise Figure	CDMA/PCS	≤ 8dB	
VSWR		≤ 2.5	
Group Delay		≤ 0.5μs	
Frequency Stability		≤ 0.01ppm	
Spurious Emission & Output Inter-Modulation	Rho ACPR	GSM Meet ETSI TS 151 026 V 6.1.0 CDMA Meet IS95 & CDMA2000	
CDMA System		p > 0.980 Meet IS95 & CDMA2000	
LED Alarm		Standard	
Power LED		Power Indicator	
ALC LED		Orange @ ALC 1~5dB, Red @ ALC 15dB~20dB, LED off after 5 seconds red colour	
Mechanical Specifications		Standard	
I/O Port		N-Female	
Impedance		50 ohm	
Operating Temperature		-25°C ~ +55°C	
Environment Conditions		IP40	
Dimensions		176*200*43mm	
Weight		≤2.0Kg	
Power Supply		Input AC90~264V, Output DC 9V / 3A	