

Specification

RF Parameter		Uplink	Downlink
Frequency Range	GSM1800	1710~1785MHz	1805~1880MHz
	UMTS2100	1920~1980MHz	2110~2170MHz
Max .Gain		≥75dB	≥75dB
Max .Output Power		≥20dBm	≥27dBm
Band width	GSM1800	3 sub bands, each 0.2~20MHz tunable and movable	
	UMTS2100	1 sub band, 5~15MHz tunable and movable	
MGC (Step Attenuation)		≥ 31dB / 1dB step	
Automatic Gain Control		≥ 51dB Auto Gain Setting	
Gain Flatness		Typical≤3~6dB (p-p) as per sub-band	
Noise Figure		Typical≤ 8dB	
V.S.W.R		Typical≤ 2	
Group Delay		≤ 8 μ s	
Spurious Emission	9KHz~1GHz	≤ -36dBm	≤ -36dBm
	1GHz~12.75GHz	≤ -30dBm	≤ -30dBm
WCDMA System	Spurious Emission Mask	Meet 3GPP TS 25.143	
	Modulation Accuracy	≤ 12.5%	
	Peak Code Domain Error	≤ -35dB@Spreading Factor 256	
	ACRR	≥ 20dB/30KHz @ ± 5MHz	
≥ 20dB/30KHz @ ± 10MHz			
Electrical Parameter			
Power Supply	Input AC90~264V,Output DC12V/11.5A		
Power Consumption	90W		
Impedance	50 ohm		
Mechanical Parameter			
I/O Port	N-Female		
Dimensions	280*350*106mm		
Weight	≤10KG		
Environment Parameter			
Operating Temperature	-25°C~+55°C		
Environment Conditions	IP40		
Software			
Local Monitoring	PC via USB or Ethernet Port		
Remote Monitoring	Via SMS or GPRS		
Controlled Parameters	Gain, Frequency, Repeater ON/OFF, Alarm Enable, etc.		
Monitoring Parameters	Gain, Frequency, Repeater ON/OFF, Alarm Message.		
Alarm Items	Repeater Failure, Power Failure, ALC Alarm, PLL Failure		

Address: 5th FL,E BLDG,Sogood Science Park, Hangkong Road Xixiang, Bao'an, Shenzhen, China 518102
 E-mail: info@huaptec.com Web site: www.huaptec.com