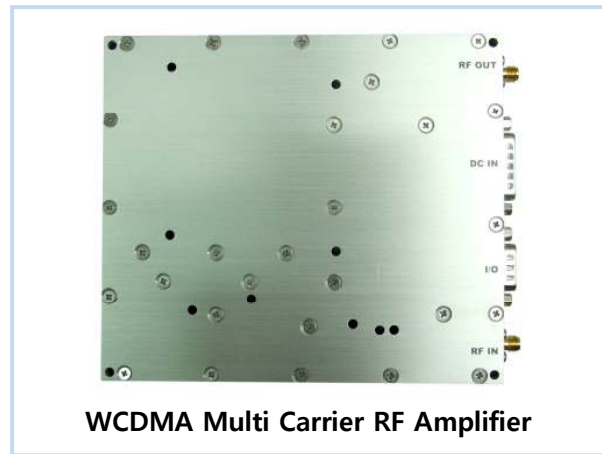


Product Features

- High power RF amplifier
- Solid State power amplifier
- High linearity and high efficiency
- 50 ohms input / output impedance
- Doherty amplifier design

Application

- WCDMA Repeater



Electrical Specification

Parameter	Specification	Remark
Frequency Range	2120MHz~2150MHz	30MHz BW
Output Power	60W (+47.78dBm)	WCDMA 6FA
Gain	55dB±1dB	
Gain Flatness	1dB peak to peak	
ACLR	±5MHz < -32dBc ±10MHz < -32dBc	RBW 30kHz
Input VSWR	1.5:1 max.	
Output VSWR	1.5:1 max.	
DC Current Consumption	+27V 8.3A typ.	
Enable	TTL Low Active	
Output Detect	+4.0V @Po=60W	0.1V/dB
ALC	+50dBm±0.5dB	Over 10dB Range



Environmental Specification

Parameter	Specification	Remark
Operating Temperature	-30°C~+60°C	
Storage Temperature	-40°C~+85°C	
Relative Humidity	0%~90%	Non-condensing

Mechanical Specification

Physical Dimension : 150mm X 130mm X 25mm

Pin Assignment

I/O Interface (D-Sub 9Pin Male)	1. Enable	TTL Low
	2. RS-232 TxD	
	3. RS-232 RxD	
	4. Power Monitor	
	5. GND	
	6~9. N.C	
I/O Interface (3W3P Male)	A1. VCC	+27V
	A2. GND	
	A3. N.C	