

X Band 50W GaN High Power SSPA Module

FEATURES

- Freq : 8~12GHz @ Customized Bandwidth.
- P_{sat} : 50W , min.
- Pin : 0 dBm , rated.

ELECTRICAL SPECIFICATIONS (@25°C)

Parameter		Min	Typ	Max	Unit	Remark
FREQ	Frequency	8		12	GHz	
	Operating Frequency Bandwidth		Customized		MHz	
Power Output		50			Watt	
Spurious				-60	dBc	@Pout : 50W
Pulse Width		5		50	Microsec	
Pulse Duty Cycle				20	%	
Pulse Decay		1			dB	@Pulse width : 10us
Input Power , Rated.			0		dBm	
Input VSWR				2:1	-----	
Output VSWR				2:1	-----	
Operating Voltage**			110		Volt	AC

NOTE -

Mechanical Specification

Parameter	Value	Remark
Dimensions	390mm(L) * 350mm(W) * 200mm(D)	Excluding Connector
RF Connectors In/Out	Input : N(F) ; Output : N(F)	
Digi Control Connectors	RS-232 Interface	
Cooling	Air cooling is required (by customer)	
Weight	≤ 10kg	

NOTE -

ENVIRONMENTAL CHARACTERISTICS

Parameter	Min	Typ	Max	Unit	Remark
Operating Temperature	0		+55	°C	Baseplate(Case)
Storage Temperature	-40		+70	°C	

NOTE -