

X Band 500W GaN High Power SSPA Module

FEATURES

- Freq : 8~12GHz @ Customized Bandwidth.
- P_{sat} : 500W , 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 @ Psat		500			Watt	
Power Flatness over FREQ(POF)				2	dB	
Pulse Width		5		50	Microsec	
Pulse Duty Cycle			10		%	Customized
Input Power , Rated.			0		dBm	
Input VSWR				2:1	-----	
Output VSWR				2:1	-----	
Operating Voltage**			220		Volt	AC

NOTE -

Mechanical Specification

Parameter	Value	Remark
Dimensions	Suitable for 19 Inch Case,600mm(D)	High ≤ 6U
RF Connectors In/Out	Input : N(F) / Output : WR-90	
DC & Control Connectors	RS-232 Interface	
Cooling	Air cooling is required (by customer)	
Weight	≤ 40kg	

NOTE -

ENVIRONMENTAL CHARACTERISTICS

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

NOTE -