

RF Amplifier 18GHz-26.5GHz Specifications requirement:

S.No.	Specification	Requirement for RF Amplifier: 18GHz-26.5GHz
1.	Operating Frequency Band	18GHz-26.5GHz
2.	Amplifier Type	Travelling Wave Tube Amplifier (TWTA)
3.	Output Power	40W minimum
4.	Gain	35dB minimum
5.	Maximum Harmonic distortion	-15 dBc or better
6.	Output Reflected power protection	Should be available, there should not be any damage to amplifier due to reflected power
7.	Input and Output Impedances	50 Ohm,50 Ohm
8.	AC Mains Power	230 V +/- 10%, 50Hz
9.	Control	Local and Remote control Through GPIB
10.	Cooling	Forced Air Cooling (Built In)
11.	Deliverable parts with each amplifier	A) AC power cord to be provided
		B) Operating and Instruction Manual
12.	Warranty	1 Year standard warranty and party to quote for extended Warranty for additional 2 years
13.	Weight and Size	To be provided
14.	Quantity	1No.