

S.No.1	Parameter	<b>Type 1</b> Ku-Band 20 Watts packaged GaN MMIC HPA
1.	Input Frequency ( $F_{in}$ )	6-12 GHz
2.	Small signal Gain	>30dB
3.	Saturated Output power	+46dBm(typical) CW mode
4.	Output power at P3dB:	+45dBm(typical) CW mode
5.	Gain at P3dB	> 20dB
6.	Supply Voltage	20V
7.	Supply Current	6A (typical with RF drive)
8.	Operating temperature:	-40°C to +60°C
9.	Harmonic suppression:	better than -30dBc @12GHz
10.	Theta <sub>JC</sub>	< 1 °C/W
11.	Type:	Packaged GaN MMIC amplifier