

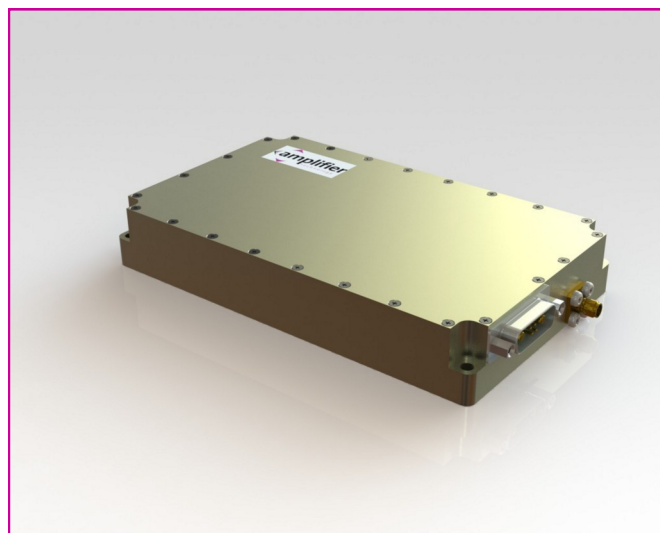
8802 20—1000 MHz 100 W

High Power Amplifier

This is a high efficiency broadband GaN power amplifier that delivers a typical saturated output power (P sat) of 100W over the frequency range 20MHz to 1000 MHz.

Designed for quality

Operating Frequency	20—1000 MHz
Saturated Power (P sat)	100 Watts min.
Gain @ ROP	50 dB min.
Input Power @ P sat	0 dB
Gain Flatness @ rated output power	± 1.5 dB
Current Consumption @rated output power	10 Amps max.
Input Return Loss	-10 dB
Harmonics @rated output power	15 dBc typical
Operating Voltage	28 V
Dimensions	170 x 100 x 27 mm
RF Connectors	50 Ω N type Jack



Preliminary Design image