

## 8804 2 – 18 GHz 100 W

### High Power Amplifier

This is a broadband power amplifier that delivers a typical saturated output power (P sat) of 100W over the frequency range 2GHz to 18GHz. The amplifier is housed in a 19 inch x 6U rack with its own power supply and control. It consists of a GaN 2GHz to 6GHz unit combined with a 4.5GHz to 18GHz TWT. Input frequency is split via a filter network to direct the appropriate signal to each amp.

### Designed for quality

Operating Frequency	2–18GHz
Saturated Power (P sat)	50 dBm min.
Gain @ ROP	50 dB min.
Input Power @ P sat	5 dBm max.
Gain Flatness @ rated output power	± 4.0 dB
Current Consumption @rated output power	15 Amp max.
Input Return Loss	10 dB min.
Operating Voltage	240/120 V AC
Dimensions	19inch rack x 6U
RF Connectors	50 Ω N type Jack

