Product catalog

Linear Power Amplifiers

Linear RF power amplifiers preserve modulation while increasing signal power within a defined operating range. Usable average output is tied to the waveform, bandwidth, distortion limit and thermal conditions.



Products: 1

Revision: 1 · Revision date: 2026-11-08



LCPAM-20-520-200A

20–520 MHz 200 W Saturated LDMOS RF Power Amplifier Module

This LDMOS final-stage module covers 20–520 MHz with 200 W typical saturated output. Its 1 dB compression output is separately specified at 50 W typical, with 53 dB typical small-signal gain.

Operating frequency: Symbol: BW; Minimum: 20; Maximum: 520; Unit: MHz

Saturated RF output power: Symbol: Psat; Typical: 200; Unit: W

Output power at 1 dB compression: Symbol: P1dB; Typical: 50; Unit: W

Small-signal gain: Symbol: G; Typical: 53; Unit: dB

25 °C; 50 Ω

Product details Product datasheet

Document notice

Specifications are subject to revision. Before design release, confirm the current document revision and product-specific requirements with LCRF. The approved quotation and order documentation define the supplied configuration.