



Communications
& Power Industries



ModuMAX Solid-State Amplifiers Empowering Connections Through Modularity

ModuMAX amplifiers offer secure, stable connectivity with minimal supervision and maintenance requirements, ideal for remote areas or minimally staffed locations



Eliminates the need for a redundant, standby unit in most applications with its patented modular architecture



Matches output power by enabling independent on/off control of its 8 RF modules



Simplifies reliable 24/7 operation with a user-friendly, modular plug & play design



Offers remote management of all features and access to the most used controls, from the front panel



Delivers nearly double output power with only ± 1.2 dB loss from a single module failure.

Power levels (W)

Indoor GaAs

C-band: 800, 1000, 1500

Ku-band: 350, 500, 800

X-band: 700, 1250

Indoor GaN

Ku-band: 1100

X-band: 2200



GaN C-band units planned for 2026 - Design options available in GaN S-band and Ka-band

Applications

- Commercial, Government and Defense Satellite Communications
- Telecommunications
- Earth Observation
- Intelligence, Surveillance and Reconnaissance (ISR)
- LEO/MEO/GEO constellations
- Deep Space
- 5G, 6G AI
- Broadcast

Technical specifications

Scan the QR codes to view the full product specifications



GaN



GaAs

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