



Communications
& Power Industries



GaNLink Product Line

Advanced Ka-band GaN solid-state amplifiers

Engineered for modern satellite architectures

Redefining uplink amplification with GaN technology



Converts more DC power into RF output, reducing energy costs and power consumption.



Delivers more output power in a smaller footprint. Ideal for space-constrained installations.



Reduces heat generation, simplifying thermal management.



Offers longer operational lifespans, lowering maintenance and replacement costs with its built-in redundancy and rugged design



Maintains high MTBF and extremely low MTBR



Enables operation across multiple frequency bands for flexible satellite deployment

Power levels (W)

Ka-band	Ku-band	X-band
40, 80, 160, 300	550, 1100	2200

Applications

- Commercial, government and defense satellite communications
- Direct-to-Home (DTH) Broadcasting
- Mobile satellite communications
- Continuous high-reliability uplinks

Technical specifications

Scan the QR code to view the full product specifications



Worldwide support



CPI satcom amplifiers are backed by over 40 years of satellite communications experience, and CPI's global customer support network.

Contact us



www.cpii.com/satcom



satcommarketing@cpii.com



+1 905 877 0161