



World Leaders In the Design & Manufacture of RF & Microwave Amplifiers, from 10 MHz to 30 GHz

Delivery from Stock to 2 Weeks ARO... Custom Designs at the Catalog Pricing & Delivery!



Company Overview

Ciao Wireless, founded in 2003, is a world-wide leader in the Design & Manufacture of Hybrid Thin-Film RF & Microwave Amplifiers and Radial Power Combiners/ Dividers, serving the Military, Government and Commercial Markets.

Ciao's owner, Jim Chao, along with his team of experienced Engineers, Quality Professionals, Assembly, and Sales/Marketing & Customer Service personnel, offer to the industry over 100-Years of combined experience; and operates from a modern, intensely capitalized 42,000 square foot Manufacturing & Test Lab facility. CIAO's standard RF amplifier product offering includes coverage from 10 MHz to 30 GHz for the following:

Octave Band Amplifiers

- Low Noise
- Medium/High Power to +35 dBm
- Gain Levels up to 100 dB

Limiting Amplifiers

- Low AM/PM Conversion
- Fast Pulse Response
- Good Harmonic Suppression

Low Noise Amplifiers

- Noise Figures as low as 0.4 dB
- Narrow Band and Broad Band
- Multiple Gain & Power Levels

Ultra-Broadband Amplifiers

- 0.5-18 GHz, 2-18 GHz, 0.05-8GHz
- Low Group Delay (50ps)
- Output Power up to +26 dBm

Space Qualified Amplifier Designs

- Full Traceability
- Testing to MIL-PRF-38534 & MIL-STD-883

Multi-Octave Band Amplifiers

- 10 Mhz to 30 GHz
- Low Noise
- Medium/High Power to +33 dBm

Radar & Comm Band Amplifiers

- Low Noise
- Specialized designs for L,S,C,X, & KU Bands
- Low Phase Noise
- Medium/High Power to +37 dBm

NEW Low Frequency Amplifiers

- Multiple Models & Frequency
- Low Noise Designs
- Various Gain Blocks offered
- High P1 dB PTs and ICPs
- Low Power Consumption
- Connectorized
- DELIVERY IN 2 WEEKS ARO

Standard Options

Ciao can offer any of the following options on your Catalog or Custom Amplifier Design:

- Temperature Compensation
- Input Limiter Protection up to 2W CW, 100W Peak Pulsed
- Gain Attenuation Control
- Integrated Bias-T
- Phase/Gain Matching & Tracking
- Detectors
- Input/Output Waveguide, Type N, GPO/BMC or K-type interfaces



Radial Power Combiners & Dividers

Ciao Wireless is pleased to feature a comprehensive line of Radial Power Combiners and Dividers for High Power Applications including Transmitters and Radar Systems where Solid State is to be used instead of TWT Technology. Designs Feature:

- Frequency Designs for UHF to KU-Band
- Power Handling up to 100 kW
- Insertion Loss as low as 0.1 dB TYP
- Phase Stable: < 2 DEG RMS
- Amplitude Stable: < 0.2 dB RMS
- High Reliability
- HOT SWAP CAPABILITY

Highest Quality Standards

Ciao Wireless is compliant with AS9100B Quality Standards and will be formally registered to AS9100B by the middle of February, 2006. AS9100B is an Aerospace Standard that also includes all provisions of ISO9001:2000.

Ciao maintains its own internal Environmental Testing Lab, including Vibration, Shock, Thermal/ Temperature Testing to guarantee the highest standards of reliability.

Contact Ciao Wireless today for a quote, catalog or to discuss your "special" requirements.



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