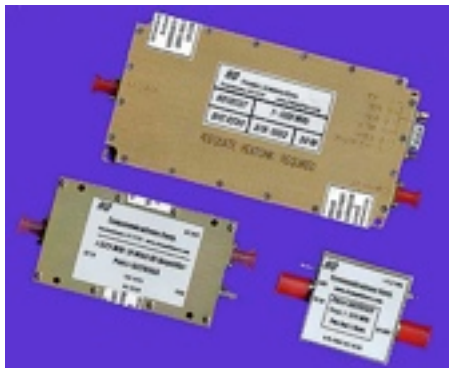


## SOLID STATE & TWT RF & MICROWAVE AMPLIFIER SOLUTIONS

### From 1 MHz to 40 GHz with Power Levels from 0.1 milliwatt to 2.5 Kilowatt

If you require an RF amplifier chances are we have it. Our supplier has been in the RF Microwave amplifier business since 1976. They offer an extensive range of both **commercial and military RF & microwave amplifiers**. If you cannot find the amplifier that you are looking for on our web site, please call or email us [sales@edsi.com.au](mailto:sales@edsi.com.au).

### Class A Linear Amplifiers 1-2000 MHz 1 watt to 50 watts



These amplifiers are suitable for **ultra broadband and band specific high power linear applications**. This amplifier utilises Silicon MOSFET power devices that provide high gain, wide dynamic range, low distortions, and good linearity. Exceptional performance, long term reliability and high efficiency are achieved by employing advanced broadband RF matching networks and combining techniques, EMI/RFI filters, machined housings and qualified components.

- Solid-state Class A linear design
- Instantaneous ultra broadband
- Small and lightweight
- Suitable for all modulation types
- Built in Voltage Variable Attenuator
- 50 Ohm Input/Output impedance High reliability and ruggedness.

### Low Noise, Wide or Ultra wide band, RF & microwave amplifiers 0.01 MHz to 20 GHz

More than 80 different specifications available to suit your exact requirements. Choose from **wide band, ultra wide band, RF or microwave** all with very low noise. Frequency range covers everything from 0.01 MHz to 20 GHz. Ideal for fibre optic & telecomm applications.



### Travelling Wave Tube Microwave Amplifiers



Millimetre TWT microwave amplifiers 18.0 to 40 GHz - 5-150 watts CW  
1 MHz to 18 GHz. TWT microwave amplifiers high power 200 - 500 watt - low power to 60 watts.

These TWT microwave amplifiers are built to Military Specifications & feature:

- **Digital Display Monitors:** Collector Current, Collector Voltage, Forward RF Power, Reflected RF Power, Filament Hours, Beam Hours.
- **Status Indicators:** Power On, Standby, RF On/Operate.
- **Fault indicators:** Helix Over current, VSWR Overload, Thermal Overload, Air Flow, Collector Over Current.
- **Safety:** Designed To meet the safety requirements of IEC-348 and Underwriters Laboratory of broadband standards.

### RF Amplifiers for Cellular Phone Networks, Wi-LAN & Scientific Research

#### Cellular:

- Single Carrier or Multi-Carrier - Base Station to Earth Station.
- Low inter modulation distortion - wide dynamic channel allocation
- AMPS, TDMA, CDMA, SMR & W-CDMA

#### Wi-LAN:

- Indoor or Outdoor - wireless hot spots.
- 2.4 GHz & 5.8 GHz

#### Scientific:

- Bench top RF amplifiers with front panel controls
- Rack mount RF amplifiers with optional LCD display

### RF & Microwave Accessories

#### Antennas & Antenna Systems:

- Pico & Micro cell, omni-directional, High Gain, LMDS & MMDS.

#### Attenuators:

- Fixed & Variable for Fibre Optic, RF microwave & RF Coaxial

#### Cables & Adapters:

- Circulators, couplers, dividers & connectors

If you don't see it here & it's an RF amplifiers - chances are we can get it to you in just a few days.

CONTACT US:

[sales@edsi.com.au](mailto:sales@edsi.com.au)  
(61 2) 9450 2208

EDS P/L sells RF products from  
HD Communications Corp.