

Got RF?

Endwave is your source 100 MHz – 100 GHz

- Standard Products and Custom Capabilities
- Commercial and Defense Applications
- Quick Turn Delivery
- ISO 9001 Certified

Power Amplifiers

Freq. Range: 100 MHz – 75 GHz
Narrowband and Broadband
P1dB: Up to +30 dBm
Gain: Up to 44 dB
VSWR: 2.0:1 (typ)
SMA, K and WG Connectors



Low Noise Amplifiers

Freq. Range: 100 MHz – 75 GHz
Narrowband and Broadband
Single and Multi-Octave
Gain: Up to 44 dB
Noise Figure: As Low as 2.0 dB
IP3: Up to +32 dBm
VSWR: 2.0:1 (typ)
SMA, K and WG Connectors



YIG Oscillators

Freq. Range: 3 – 11 GHz
Wide Tuning Range: +/- 1 GHz
Low Phase Noise:

- 105 dBc/Hz @ 10KHz (typ)
- 128 dBc/Hz @ 100KHz (typ)

Low Power Consumption
Power Output: Up to +14 dBm
SMA or Board Mount Packages



YIG Synthesizers

Freq. Range: 3 – 12 GHz
Wide Tuning Range: +/- 1 GHz
Low Phase Noise:

- 100 dBc/Hz @ 10 kHz (typ)
- 130 dBc/Hz @ 100KHz (typ)

Single and Dual Output Options
Robust Microphonics Performance
Multiplication to 67GHz Available



Multipliers

Active and Passive Options
Multiplication: X2 to X28
Output Freq: 100 MHz – 67 GHz
Psat: Up to +30 dBm
Input Power: -10 to +10 dBm (typ)
SMA, K and WG Connectors



Up/Down Converters

5 – 67 GHz Narrowband
Saturated or Linear Outputs
Pout to +30 dBm
Noise Figure 4 – 7 dB
IF Range to 5 GHz
Optional Internal LO
SMA, K and WG Connectors
Optional Gain Control & Power Detection



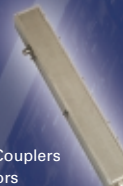
Transceivers

11 – 58 GHz in Production
7 – 67 GHz Capabilities
Low-Capacity [PDH]
High-Capacity [SDH]
Internal or External LO
Integrated or Discrete
TX and RX Modules



Switch Combiners

Freq. Range: 800 MHz – 2.1 GHz
Active or Passive Options
2, 3 and 4-Way Configurations
Power: Up to 800 Watts
Loss: <.35 dB
VSWR: 1.3:1 (typ)
Integrated Power Dividers and Couplers
SMA, OSP, N and TNC Connectors



Call Endwave at **1-888-363-4283** for additional information or visit our web site at www.endwave.com for a list of domestic and international sales representatives.

Endwave Corporation
990 Almanor Avenue • Sunnyvale, CA • 94085
408-522-3100 main • 408-522-3102 fax

