



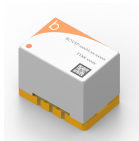
**Southwest Microwave's
Range Of High
Performance Precision
Adaptors**

- Market leading 1mm Adaptors -
 - Up to 110 GHz -
- Best Insertion Loss & VSWR -
- Competitively priced -



**Introducing Bliley's
New BOVSP OCXO
Oscillator**

- Oven Controlled Oscillator -
- Frequency range 10 -120 MHz -
- Phase noise -120 dBc/Hz@10 Hz offset -
 - ± 20 ppb -



Latest Holzworth PNA

- HA7062D Phase Noise Analyser -
 - 26 GHz standard -
 - 40 GHz option -
 - 100 MHz offset -
- Fast measurement -



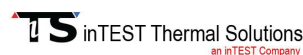
**ThinkRF Launch D4000
Downconverter**

- Small, powerful & cost effective Downconverter -
- Frequency input range from 24 to 40 GHz - 500 MHz real time bandwidth with 100 kHz tuning resolution -
 - Outputs 1,536 GHz -



MiCable Focus

- Cable Assemblies -
 - Adaptors -
- Power Dividers/ Combiners -
 - Couplers -
 - Hybrids -
- Test Solutions -
- Competitive pricing -
- Short lead times -



**inTest's High Flow Rate
Thermal Test Capability**

- Utilising inTest's robust technology for testing higher mass DUT -
- Rental/ Leasing options available from Melcom -
- Custom solutions available -

ALTUM RF

Low Noise/Driver Amplifiers

- NEW DEMO BOARDS AVAILABLE -
 - 24-30 GHz Amplifier, 28 dB gain -
- 2-20 GHz Amplifier, 16 dB small signal gain, 10 dB large signal gain -
 - 2-20 GHz Amplifier, 17 dB small signal gain, 11 dB power gain -
- 20-31.5 GHz Amplifier, 20 dB gain -



**SOUTHWEST MICROWAVE PROVIDE A RANGE OF PRECISION ADAPTORS
DC TO 110 GHz WITH EXCEPTIONAL PERFORMANCE**



- Economical solution for critical production and testing
- Produced and tested to the same criteria as adapters for Calibration Kits
- Ideal as connector savers for Hi-Rel applications without compromising measurement accuracy
- Built in the USA to rigorous performance and quality standards
- Rugged and durable, delivering high repeatability and accuracy
- Lowest VSWR, insertion loss and RF leakage

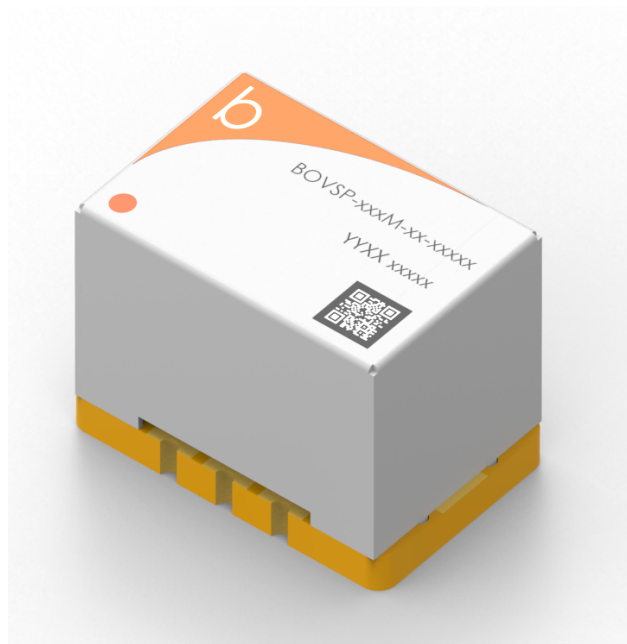
PRECISION ADAPTOR BROCHURE

LEARN MORE ABOUT SOUTHWEST MICROWAVE

[Contact MELCOM](#) for detailed specification, pricing and availability



BLILEY INTRODUCES THE NEW BOVSP OCXO OSCILLATOR



- Surface Mountable Design
- High Stability vs. Temperature ± 20 ppb
- Quick Warm-Up Time of 3 minutes
- Low Age Rates after 30 days operation:
 - per day ± 1.0 ppb
 - 1st year ± 100 ppb
- Low Phase Noise -120 dBc/Hz @ 10 Hz offset(100 MHz OCXO)
- 9x14mm Package

[CLICK HERE FOR DATASHEET](#)

[LEARN MORE ABOUT BLILEY](#)

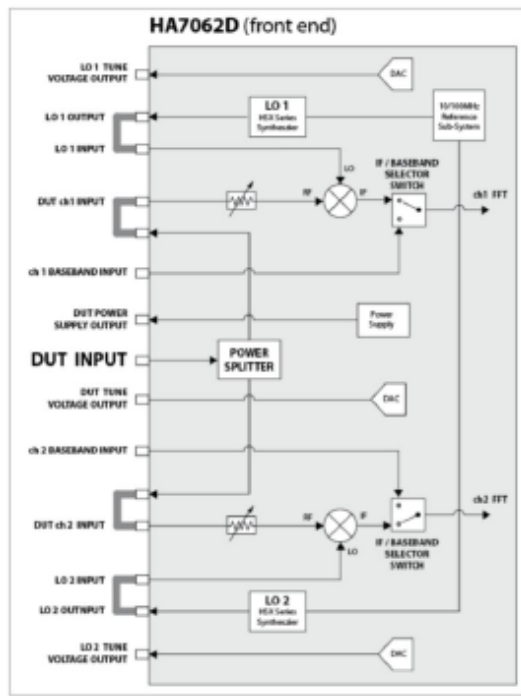
[Contact MELCOM](#) for detailed specification, pricing and availability



HA7062D REAL TIME PHASE ANALYSER 40 GHz



- Real Time Cross Correlation



- Absolute, Additive, AM, PM Measurement
- Noise Floor: <-190dBc/Hz
- Input Frequency Range:
 - 10 MHz to 26 GHz (integrated)
 - Option to 40 GHz (integrated)
- Frequency Offset: 0.1 Hz to 100 MHz
- Simultaneous AM/PM
- Baseband DC input for measuring PSUs
- Small Form Factor IRU

[CLICK HERE FOR FURTHER INFORMATION](#)

[LEARN MORE ABOUT HOLZWORTH](#)

[Contact MELCOM](#) for detailed specification, pricing and availability



ThinkRF INTRODUCES D4000 RF DOWNCONVERTER

Small, powerful and cost effective downconverter/tuner for the next generation of RF environment



- Compact, low power, portable, and cost effective tuner
- Covers the entire mmW frequency range from 24 to 40 GHz which is suitable for 5G Applications
- Includes 10 MHz input and output clock references to support clock synchronisation with external modules
- Retain and upgrade your existing field, lab, and manufacturing test equipment
- 500 MHz real time bandwidth with 100 kHz tuning resolution
- Standard SCPI control over Ethernet

[CLICK HERE FOR DATASHEET](#)

[LEARN MORE ABOUT THINKRF](#)

[Contact MELCOM](#) for detailed specification, pricing and availability



MICABLE PROVIDES THE FOLLOWING PRODUCT CATEGORIES AT COMPETITIVE PRICES AND SHORT LEAD TIMES



[LEARN MORE ABOUT MICABLE](#)

[Contact MELCOM](#) for detailed specification, pricing and availability



inTEST HIGH FLOW RATE THERMAL TEST CAPABILITY

Utilising inTest's proven and robust technology, larger thermal masses or active devices can be temperature cycled via forced air Heating/Cooling.



- Flow Rates of 50 SCFM and above
- Smaller equipment footprint and only clean air required (no LN2)
- Quiet Operation
- Thermocouples/sensors can be used in closed loop configuration
- Fast Temperature ramp
- Ethernet/RS232 controllable
- No Annual Leak checks required

LEARN MORE ABOUT INTEST

[Contact MELCOM](#) for detailed specification, pricing and availability

ALTUM RF

ALTUM RF ARE NOW OFFERING 4 DEMO BOARDS FOR LOW NOISE/DRIVER AMPLIFIERS FOR 5G mmW (24-30 GHz & 37-40 GHz) & 24 GHz ISM APPLICATIONS



- These GaAs Amplifiers are designed for high efficiency & RF performance
- All parts are internally matched to 50 ohms with ESD protection.
- Easy to use due to the single-positive bias, (3.3V) & packaged in a standard 2.5x2.5mm plastic QFN package
- ARF1200Q2 & ARF1201Q2 are also suitable for other 24 GHz ISM applications.

[CLICK HERE FOR FURTHER INFORMATION](#)

[LEARN MORE ABOUT ALTUM RF](#)

[Contact MELCOM](#) for detailed specification, pricing and availability

[Contact MELCOM](#) for further information on products provided

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