



Herley General Microwave & GMI Eyal

Line of Business

RF Microwave Modules and Amplifiers

Established

1985

Leading Executives

Mr. Yonah Adelman
General Manager

Mr. Koby Pinsker

VP Marketing and Sales

Herley Israel is a recognized worldwide leader in the design and manufacture of high performance, State-of-the-Art Microwave components and subassemblies for the defense as well as non-defense markets. The company consists of two divisions: Herley General Microwave Israel and Herley GMI Eyal.

Herley General Microwave Israel (HGMI) was founded in 1985 as a subsidiary of General Microwave Corporation, U.S.A. It was acquired, together with General Microwave Corporation, in January, 1999 by Herley Industries and since then operates as Herley General Microwave Israel. In 2009 HGMI has acquired Eyal Microwave Industries (EMI). EMI is a major Israeli microwave company, which was founded in 1986. With this acquisition, Herley Israel became one of the largest independent microwave companies outside the US.

Phased Array RADARs, Missiles, Communications, Space and Simulators.

Non-defense market: Test equipment, Radio and Fiber Optic Communications and Civilian RADARs.

Herley Israel – Products

Oscillators and Synthesizers

- Synthesizers: Broadband, superior performance, cost-effective:

- **Fast indirect synthesizers:** 0.5 - 23 GHz, 1 microsecond settling time, very low phase noise, internal/external reference crystal oscillator

- **Direct synthesizers:** Broadband, 40 nanosecond settling time, very low phase noise, coherency

- Frequency Locked Oscillator (FLO): 2 – 18 GHz, fast settling time, high accuracy, low phase noise



Since its inception, Herley Israel has been dedicated to designing and producing high quality, superior performance, catalog and customized microwave products. The company provides a unique combination of cutting edge technology at a very competitive price.

Its products are used in a wide variety of demanding environments including airborne, ground, naval and space.

Herley Israel's primary customers are leading international system houses and defense agencies; it provides its customers with the highest level of support throughout the lifetime of a project.

Main Applications

Herley Israel's modules are incorporated in a wide variety of systems and applications.

Defense market: Electronic Warfare (EW) systems,

- Digitally Tuned Oscillators (DTOs): 0.5 – 18 GHz, half-octave to multi-octave coverage, 1 microsecond settling time, low post-tuning-drift, high accuracy

- Voltage Controlled Oscillators (VCOs): 2-18 GHz, octave and half-octave coverage

Power Amplifiers and Solid State Power Amplifiers (SSPA)

- Up to 1 KW in VHF range, for military and non-military applications

- SSPA: Up to 400 W at X- and Ku- bands, state-of-the-art technology, superior performance, for missiles and airborne radars

- Linear Power Amplifiers for communication

- Feed Forward Power Amplifiers

- Pulse Power Amplifiers For IFF systems

- Low Noise Amplifier