

## 2 – 8 GHz MICROWAVE SYNTHESIZER

- VERY WIDE FREQUENCY TUNING RANGE
- PC PROGRAMMABLE
- LOW NOISE
- FINE STEP
- COMPACT SIZE
- BUILT IN FREQUENCY REFERENCE

This synthesizer is intended for use in professional applications, where the extra wide frequency tuning range, PC programmability and compact size are important factors. This unit can be used in telecommunications, instrumentation and military applications.

### Electrical characteristics:

Operating Frequency Range	2 - 8 GHz
Frequency Step Size	100 Hz
Switching Speed	Typ. < 30 msec, max. 50msec
Harmonics	Typ. < -20dBc, max. -15 dBc
Frequency Control	RS-232
Output Power	+ 10 dBm min.
Internal Reference Frequency Stability	± 2 ppm (optional ± 0.2 ppm)
Spurious	Typ. < - 60 dBc, max. -55dBc
Phase Noise (dBc/Hz)	@ 1KHz
	@ 10 kHz
	@ 100 kHz
DC Supply	+ 15 V / typ. 1.3 A@ 8GHz
Warm-up time	Typ. 30 sec after power
Operating temperature range	0 to + 50 °C
Fixing	4 x M3 x 6 screws at the corners

Specifications are subject to change without notice.

### Outline dimensions (mm):

