
0.3 – 4 GHz PC CONTROLLED

- **COMPACT SIZE**
- **LOW PHASE NOISE**
- **EASY PROGRAMMING**

This synthesizer is intended for use in professional applications, where clean output signal, compact size, easy handling and modest price are important factors. Main applications are in satellite and telecommunications systems, instrumentation.

Electrical characteristics:

Frequency Range	300 to 4000 MHz in 5-50 % BW(*)
Frequency Steps	50, 100, 500 or 1000 KHz(*)
Output Power	+10 dBm(*)
Internal Reference Stability	± 2 ppm (opt. ± 0.2 ppm)
SSB Phase Noise @ 1KHz	< -90 ... -75 dBc/Hz(**)
@ 10 KHz	< -90 ... -75 dBc/Hz(**)
@ 100 KHz	< -115 ... -100 dBc/Hz(**)
Spurious	< -80 ... - 60 dBc(**)
Memory Function	yes
RF Connector	SMA-F
DC Connector	Solder pin
Power Supply	15 V / 150 mA DC
Operating Temperature Range	0 to +50 °C (opt. -20 to + 60 °C)
Alarm Out	optional

(*) To be specified

(**) Dependent on frequency

Specifications are subject to change without notice

Outline dimensions (mm):
