

## LCD DISPLAY SYNTHESIZER

- COMPACT SIZE
- LOW PHASE NOISE
- EASY PROGRAMMING
- NON VOLATILE MEMORY
- LCD DISPLAY

This synthesizer is intended for use in professional applications as programmable local oscillator, 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 | $\pm 2$ ppm (opt. $\pm 0.2$ 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):

