

## HIGH RESOLUTION LCD DISPLAY SYNTHESIZER

- POWER LEVEL CONTROL IN 1 dB STEPS
- HIGH FREQUENCY RESOLUTION
- COMPACT SIZE
- NON VOLATILE MEMORY
- 2 ROW LCD DISPLAY (FREQ. & POWER) WITH BACKLIGHT
- OPTIONAL DUAL CONTROL (PUSH BUTTON & RS232)

This synthesizer is intended for use in professional applications as programmable local oscillator, where very high frequency resolution, compact size, programmable power level, dual frequency control, easy handling and modest price are important factors. Main applications are in satellite and telecommunications systems, instrumentation.

### Electrical characteristics:

Frequency Range	850 to 1050 MHz	
Frequency Resolution	10 Hz	
Frequency Steps	10 Hz to 100 MHz in decadic steps	
Output Power Range	-18 to +13 dBm $\pm$ 1 dB	
Output Power Steps	1 dB	
Internal Reference Stability	$\pm$ 2 ppm ( opt. $\pm$ 0.2 ppm)	
SSB Phase Noise	@ 1KHz	< -68 dBc/Hz
	@ 10 KHz	< -73 dBc/Hz
	@ 100 KHz	< -107 dBc/Hz
Spurious	< - 40 dBc	
Harmonics	< -20 dBc	
Memory Function	yes	
RF Connector	SMA-F	
DC Connector	$\varnothing$ 5.5mm DC-F	
Power Supply	12-16 V / 430 mA DC W/O back light	
Operating Temperature Range	0 to + 40 °C	
PC Connection	RS-232	

Customer specified band is also possible.

### Outline dimensions (mm):

