



FINE STEP LCD DISPLAY SYNTHESIZER

- LOW PHASE NOISE
- FINE FREQUENCY STEP
- EASY PROGRAMMING
- NON VOLATILE MEMORY
- REMOTE CONTROL VIA LAN
- LCD DISPLAY
- COMPACT DESIGN

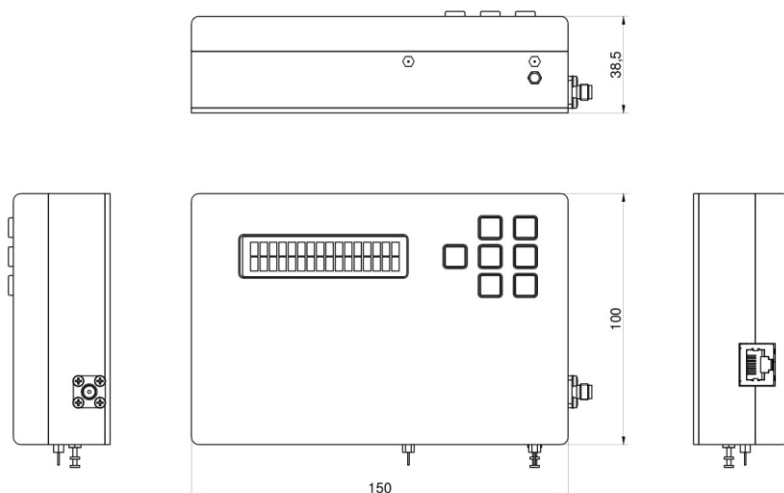
This synthesizer is intended for use in professional applications as programmable local oscillator, where clean output signal, fine step, compact size, easy handling and modest price are important factors. Main applications are in satellite and telecommunications systems, instrumentation.

Electrical characteristics:

Frequency Range	2000 – 2400 MHz
Frequency Steps	10kHz
Internal Reference Stability.	± 0.5 ppm over temperature range, Aging ± 1.5 ppm in first year, ± 3 ppm for 10 years
Harmonics	< -40 dBc
Output Power	-40 to +10 dBm in 1dB step
Output impedance	50 Ohm
Phase Noise (Typical, dBc/Hz) @ 1kHz	-95
@ 10kHz	- 97
@ 100kHz	-110
@ 1MHz	-135
Spurious	< -60 dBc
Operating Temperature Range	0 to + 40 °C
Frequency Adjustment (Manual mode)	LCD Display, Frequency/Power, Fast, UP,Down, Mem push buttons
Remote control	via LAN (RJ-45 connector)
DC&Lock connectors	Solder pins
RF connector	SMA-F
Power Supply	+12 to +15 V / 500mA max.(without LCD backlight)
Dimension	150 x 100 x 38.5
Weight	850 gramms

Specifications are subject to change without notice

Outline dimensions (mm):





BSVS48

FINE STEP LCD DISPLAY SYNTHESIZER

