



**FINE STEP C-BAND
LCD DISPLAY SYNTHESIZER**

- **LOW PHASE NOISE**
- **FINE FREQUENCY STEP**
- **EASY PROGRAMMING**
- **NON VOLATILE MEMORY**
- **LCD DISPLAY**
- **COMPACT DESIGN**
- **BUILT-IN HIGH STABILITY REFERENCE**

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	6000 – 7500 MHz
Frequency Steps	10Hz
Frequency Reference	External, Internal, automatic change-over
Internal Reference Stability.	±0. 2 ppm
External Reference Frequency	10MHz
External Reference Level	-6dBm to +6dBm
Harmonics	≤ -50 dBc
Output Power	+10 dBm, minimum
Phase Noise (dBc/Hz) @10kHz	typ. -88, max.-85
@100 kHz	typ -110, max. -105
Spurious	< -50dBc
Operating Temperature Range	0 to + 50 °C
Frequency Adjustment	LCD Display, Push buttons, SEL, DOWN, UP, MEM
DC connectors	Solder pins
RF & Reference connectors	SMA-F
Power Supply	+15 V / 330mA
Dimension	141 x 91 x 37 mm

Specifications are subject to change without notice



BSVC20

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Outline dimensions (mm):

