



**BONN HUNGARY  
ELECTRONICS**

**HIGH RESOLUTION  
LCD DISPLAY  
SYNTHESIZER**

**BSVG  
11  
NDS # 325**

an ISO 9001 Certified Company



- **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)**

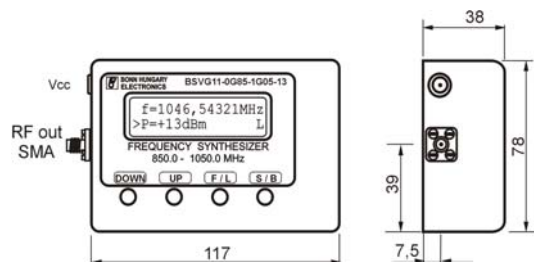
This synthesizer is intended for use in professional applications as programmable local oscillator, where very high frequency resolution, compact size, programmable power level, dual frequency control, easy handling and modest price are important factors. Main applications are in satellite and telecommunications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



**BONN Elektronik**   
RF Systems, Instruments and Components

Rudolf-Diesel-Str.18 · D-85521 Ottobrunn · Tel +49 (0)89/608 754-0 · Fax +49 (0)89/608 754-99  
email: info@bonn-elektronik.com · home: www.bonn-elektronik.com