



**BONN HUNGARY  
ELECTRONICS**

**GSM DUAL BAND  
PC CONTROLLABLE  
SYNTHESIZER**

**BSVD  
Family  
NDS # 305**

an ISO 9001 Certified Company



- **DIRECTLY PC CONTROLLABLE**
- **DUAL BAND OPERATION**
- **COMPACT SIZE**

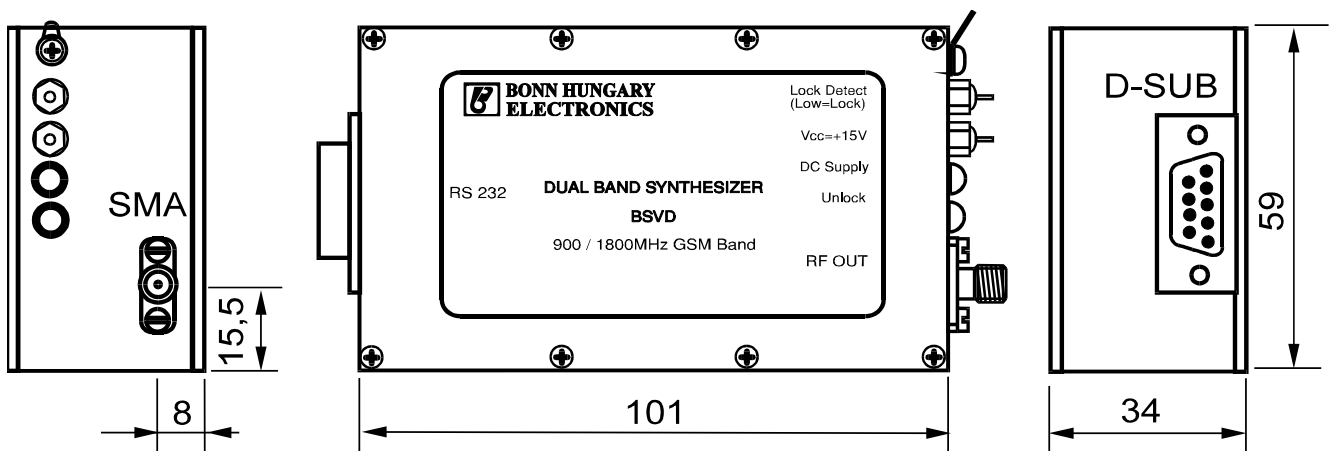
This family of Dual Band PC controllable synthesizer is intended for use in professional applications as a dual band local synthesizer, where clean output signal, compact size and modest price are important factors. This unit is supplied with control software. The synthesizer can be controlled via RS 232 interface by using any IBM compatible PC. Main applications are in GSM/DCS telecommunication equipment, communications receivers and communication monitoring equipment.

**ELECTRICAL CHARACTERISTICS:**

Frequency Range	880 to 960 MHz	1700 to 1880 MHz
Frequency Steps	100 KHz	
Output Power	+10 dBm	
Internal Reference Stability	± 2 ppm ( opt. ± 0.2 ppm)	
SSB Phase Noise @ 10KHz	< -90 dBc/Hz	
@ 100 KHz	< -110 dBc/Hz	
Spurious	< - 60 dBc	
Harmonics	< -20 dBc	
Power Supply	15 V /180 mA DC	
Operating Temperature Range	0 to +50°C (opt. -20 to + 60 °C)	
Alarm Out	PC Window & optional solder pin	
PC Connection	9 pin D-sub @ RS 232	
Control Software	supplied on disc	

Specifications are subject to change without notice.

**OUTLINE DIMENSIONS (mm):**



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



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