



**BONN HUNGARY  
ELECTRONICS**

**PC CONTROLLED  
LOW PHASE NOISE  
SYNTHESIZER**

**BSVX**  
Family  
NDS # 310

an ISO 9001 Certified Company

- **DIRECTLY PC CONTROLLABLE**
- **DUAL BAND OUTPUTS**
- **COMPACT DESIGN**
- **LOW PHASE NOISE**
- **LOW HARMONICS & SPURIOUS**



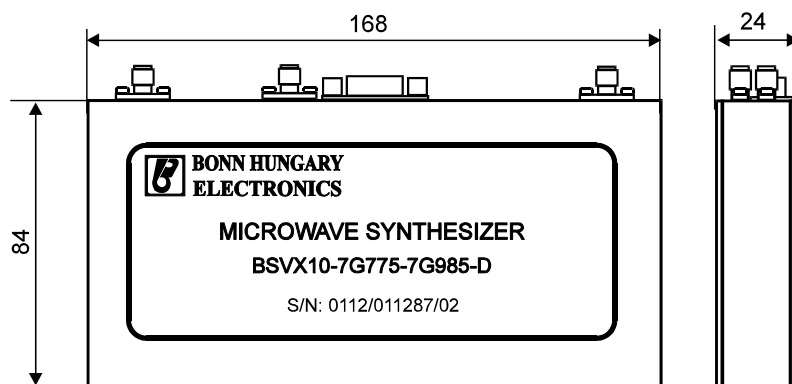
**ELECTRICAL CHARACTERISTICS**

Output Frequency Range	4-10 GHz*
Typical Data for <b>BSVX 10</b> ( Band1=7,775-7,985 Band2=8,650-8,860 GHz )	
Frequency Steps	10 MHz
Output Power (Freq1, Freq2)	2 x 10 dBm
External Reference Frequency	10 MHz
Harmonics	-40 dBc
Spurious	< -50 dBc
Phase Noise @ 100Hz	< -70 dBc/Hz
@ 1kHz	< -70 dBc/Hz
@ 10 kHz	< -85 dBc/Hz
@ 100 kHz	< -100 dBc/Hz
Operating Temperature Range	-30 to +70 °C
Alarm Output	UNLOCK
Frequency Control	PC parallel port
Data & DC connectors	DSUB8
RF & Reference connectors	SMA-F
Power Supply	+8 V/ cca.1A
Dimension	168 x 84 x 24 mm

\* Other frequency range also available

Specifications are subject to change without notice.

**OUTLINE DIMENSIONS (mm): (# BSVX 10)**



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

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