



**BONN HUNGARY
ELECTRONICS**

**0.5 - 18 GHz
MICROWAVE
SYNTHESIZER**

BSYQ10
NDS # 320

an ISO 9001 Certified Company



- **VERY WIDE FREQUENCY TUNING RANGE**
- **PC PROGRAMMABLE**
- **COMPACT SIZE**
- **BUILT IN FREQUENCY REFERENCE**

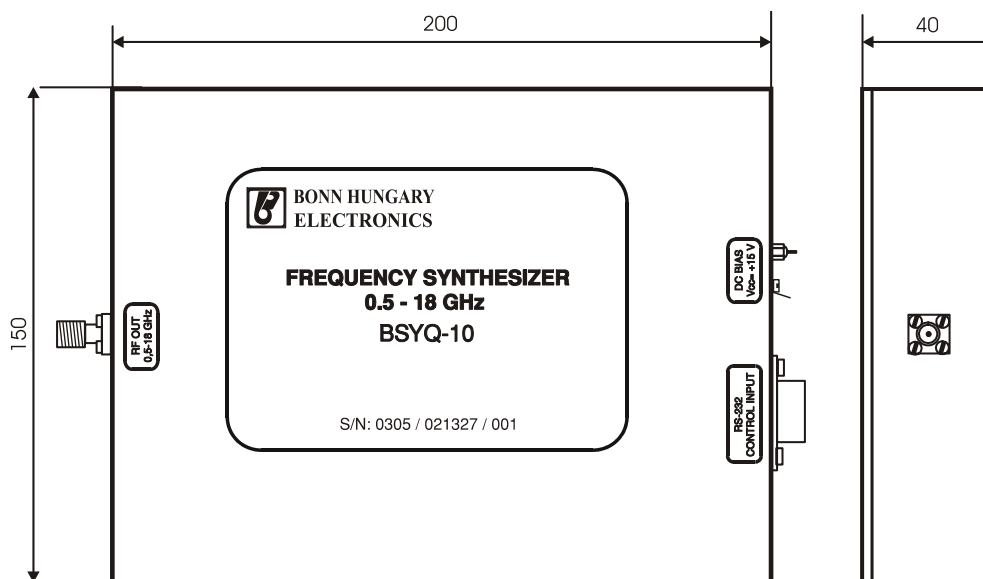
This synthesizer is intended for use in professional applications, where the extra wide frequency tuning range, PC programmability and compact size are important factors. This unit can be used in telecommunications, instrumentation and military applications.

ELECTRICAL CHARACTERISTICS :

Operating Frequency Range		0.5 - 18 GHz		
Frequency Step Size		1 MHz		
Frequency Control		RS-232		
Output Power		+ 10 dBm min.		
Internal Reference Frequency Stability		± 2 ppm		
Spurious		< - 50 dBc		
Phase Noise	@ Frequency range (GHz)	0.5 - 2	2 - 8	8 - 18
	dBc/Hz @ 10 kHz	< - 60	< - 55	< - 55
	dBc/Hz @ 100 kHz	< - 100	< - 90	< - 90
DC Supply		+ 15 V / typ. 2 A		
Operating temperature range		0 to + 50 °C (opt. - 30 to + 70 °C)		

Specifications are subject to change without notice.

OUTLINE DIMENSIONS (mm):



BONN Elektronik
RF Systems, Instruments and Components



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