BSLU10

VERY LOW PHASE NOISE SYNTHESIZER

- **50 msec SWITCHING TIME**
- **VERY LOW PHASE NOISE**
- **MULTIPLE FREQUENCY OUTPUTS**
- **+21 dBm OUTPUT POWER**
- **HIGH RESISTANCE AGAINST SHOCK AND VIBRATION**
- **COMPACT DESIGN**

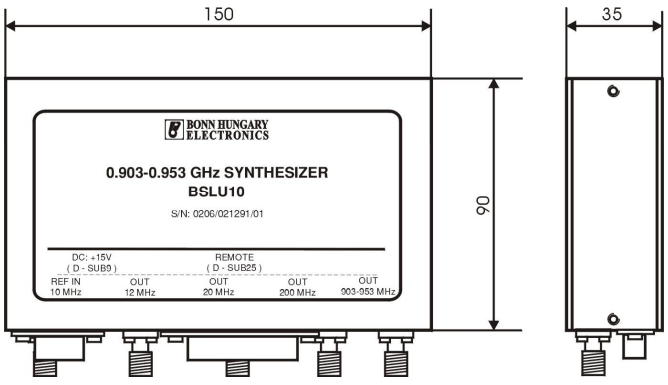
This synthesizer is intended for use in professional applications, where fast switching speed, very low phase noise, high RF output power and multiple frequency outputs are important factors. This unit has been designed to operate in harsh environmental conditions such as wide temperature range, shock and vibration. This unit can be used ideally in telecommunications equipments.

Electrical characteristics:

Tunable Output Frequency	903 - 953 MHz			
Fix Output Frequencies	200 MHz, 20 MHz, 12 MHz,			
Frequency Steps	6.25 MHz (optional 100 kHz)			
Switching Time	50 µsec (in full band)			
Internal Reference Stability.	± 2 ppm			
External Reference Frequency	10 MHz			
Harmonics	- 40 dBc			
	903 - 953 MHz	200 MHz	20 MHz	12 MHz
Output Power	+21 dBm	+21 dBm	+10 dBm	+17 dBm
Phase Noise (dBc/Hz) @100 Hz	< -100	< -120	< -120	< -120
@1 kHz	< -120	< -140	< -140	< -140
@10 kHz	< -130	< -150	< -150	< -150
Spurious	< -60	< -60	< -60	< -60
Operating Temperature Range	- 32 to + 70 °C			
Alarm Out	UNLOCK			
Frequency Control	IEEE 1284 or RS422			
DC & Data connectors	DSUB25			
RF & Reference connectors	SMA-F			
Power Supply	+15 V / 0.9 A			

Specifications are subject to change without notice

Outline dimensions (mm):



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