



BRS002

6-19GHz Wideband Synthesiser

Applications

- Stepped local oscillator source
- Upconverter/downconverter systems
- EW receivers

Key Features

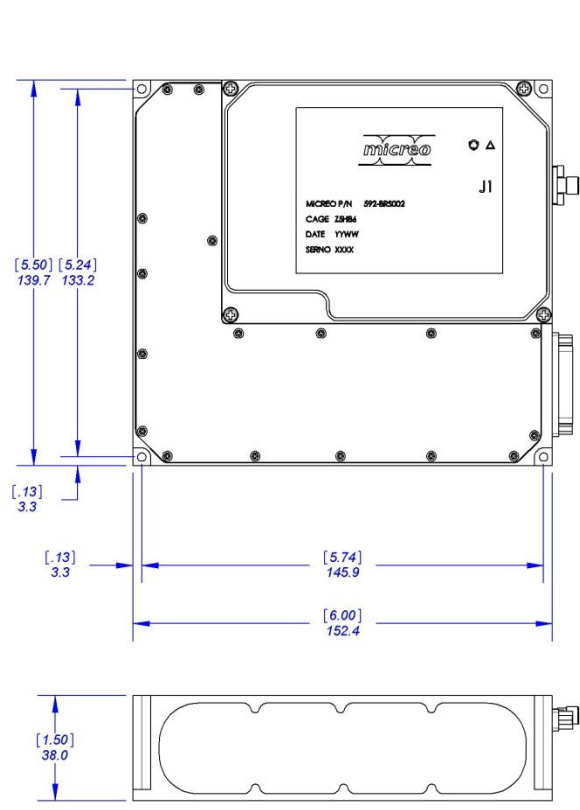
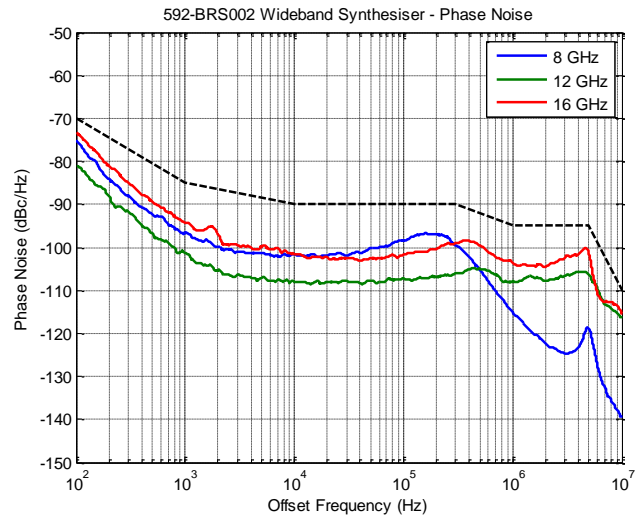
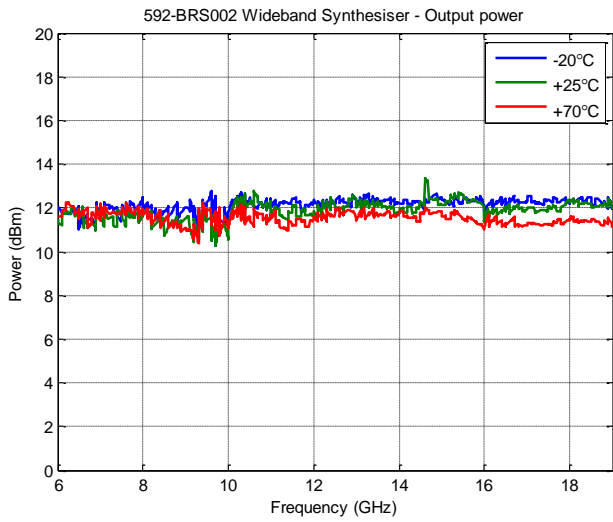
- Wideband 6-19GHz frequency range
- 500kHz resolution
- Small outline
- Internal reference
- Contact factory for different options

Specifications

Output Frequency Range:	6-19GHz
Frequency Resolution:	500kHz
RF Output Level:	+12dBm \pm 1.5dBm
Spurious Suppression:	<60dBc; <30dBc for output harmonics
Settling time:	< 100 μ sec between any two frequencies
Phase Noise:	Phase Noise (dBc/Hz)
Offset (kHz)	-70
0.1	-85
1	-90
10	-90
300	-95
1000	-95
5000	-110
10000	
RF Output Connector:	SMA
Supply & Control Connector:	31-pin Micro-D
Frequency Selection:	Direct Load
Logic Family:	TTL
Power Supply:	+24V, \pm 15V, +5V
Temperature Range:	-20°C to +70°C
Dimensions:	216 x 140 x 39 mm
Weight:	1kg maximum



Micreo
one step ahead



Unit Outline
(Dimensions in mm)



L3 Micreo
 7 Hi-Tech Court,
 Brisbane Technology Park,
 Eight Mile Plains, QLD 4113
 Australia

T: +61 7 3340 6200
 F: +61 7 3340 6201
 E: sales@micreo.com
 www.micreo.com
 ABN 11 098 350 479

Ordering information:
 592-BRS002 6-19GHz Wideband Synthesiser
 Please contact us for more information.

L3 Micreo reserves the right to amend specifications in the light of continuing development.
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