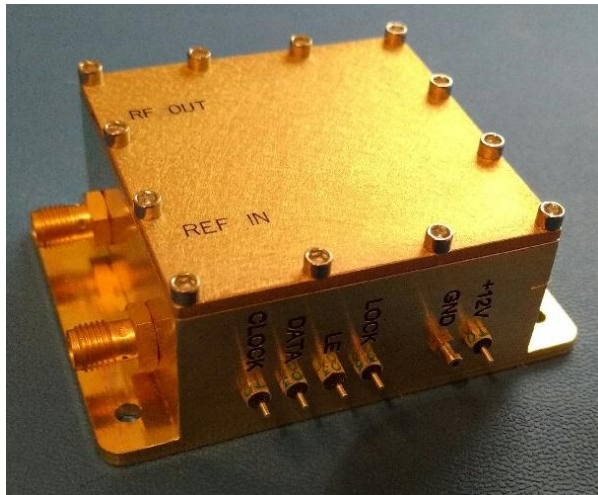




Narrow Band Synthesizer (NBS):

The NBS is a rugged LO signal source for frequency translator applications. It features low phase noise and high output power. Meets IESS-308 phase noise standards.

Specifications:

Operating Temp:	0 to +65 deg C
Frequency Range:	50 to 6000 MHz (fixed or programmable for narrow bands)
Impedance:	50 ohms
Pout:	+13 dBm typ.
SSB Phase Noise:	@ 100 Hz: -60 dBc/Hz max.
	@ 1 KHz: -70 dBc/Hz max.
	@ 10 KHz: -80 dBc/Hz max.
	@ 100 KHz: -90 dBc/Hz max.
Spurious products:	-70 dBc typ.
Reference Input:	10 MHz sinewave, 1 Vpp typ.
Step Size:	250 KHz min.
Supply:	+12 VDC @200mA typ.