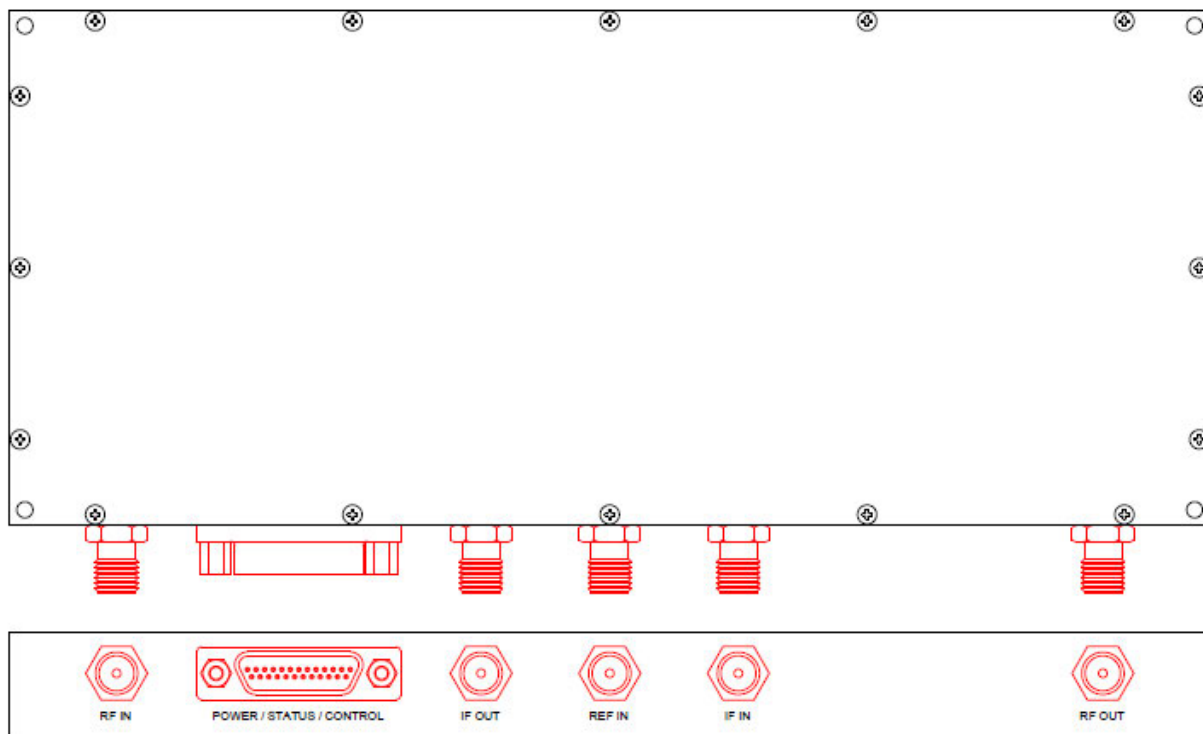




Pre-Select Filter (PSF):

The PSF unit is a programmable L-band SAW filter switch network capable of pre-selection of signals prior to demodulation or digitization, enhancing receiver performance in noisy environments. It has a 70 MHz output capability for external filter insertion.

Specifications:

Operating Temp:	0 to +65 deg C
Input Frequency:	950 to 2150 MHz, programmable
Output Frequency:	1350 MHz, fixed
Impedance:	50 ohms
Noise Figure:	15 dB typ.
I/O VSWR:	1.5:1 typ.
Programmable Gain:	+10 dB / -35 dB
Filter BW settings:	0.5, 1, 2, 5, 10, 20, 40 MHz
OIP3:	+33 dBm typ.
P1dB_out:	+13 dBm typ.
REF input:	10 MHz, +7 dBm +/- 6dB
Supply:	+12 VDC
Current:	1 Amp max.
Dimensions:	3" x 7" x 0.63"
Weight:	16 oz. max.