



HORIZON-RF-DC

High Power C-Band Down Converter

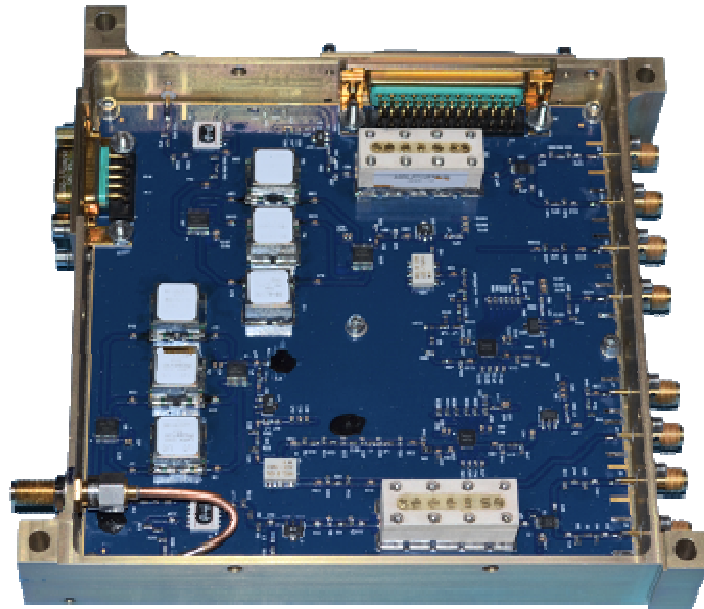
RF

Specifications

- IF Frequency 40MHz +/- 20MHz
- Input Frequencies = 5360.0MHz, 5405.0MHz or 5450.0MHz
- Dynamic Range > 85db
- Gain = -15db to +15db (0.5db steps)
- Input 1db Compression Point = -10dbm
- Maximum Input Level = +5dbm
- Noise Figure < 6db
- Spurious Outputs < -72dbm
- Harmonic Output < -50dbm
- Input/ Output VSWR < 2:1

DC Requirements

- 5Vdc Minimum Supply Voltage = 4.7Vdc
- 5Vdc Maximum Supply Voltage = 15.0Vdc
- Current Demand 280mA

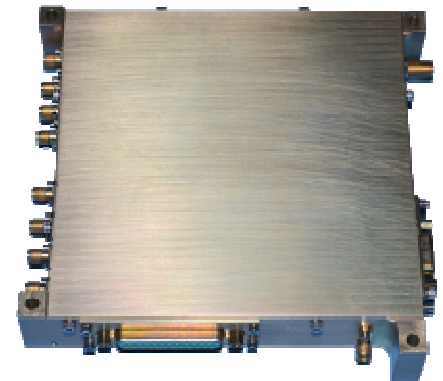


Product Benefits

- ◆ Low Noise Figure
- ◆ High Dynamic Range
- ◆ Precision Gain Control
- ◆ Low Power Consumption
- ◆ Receiver Calibration Inputs
- ◆ Small Ruggedized Construction
- ◆ Dual Down-Converters in Single Module
- ◆ C-Band to 40MHz IF Superheterodyne Design
- ◆ Selectable C-Band Frequency Inputs for hopping/ scanning applications

Product Applications

- ◆ Commercial and Military Applications
- ◆ Communications
- ◆ EW/SIGINT
- ◆ Radar



Configurations

Model Number	Configuration
HORIZON-RF-DC-C	Commercial Temp 0°C—50°C
HORIZON-RF-DC-I	Industrial Temp -20°C—65°C

Contact Us

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