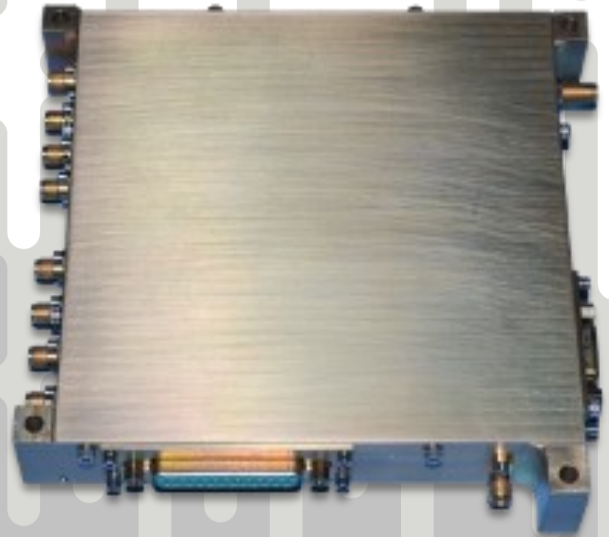
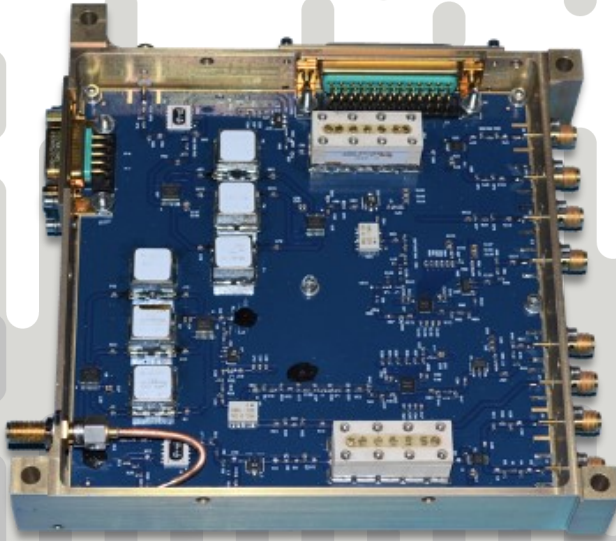


Cirrus RF-DC

High Power C-Band Down Converter



SPECIFICATIONS

Key Features

- 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

key features continued:

- Spurious outputs < -72dbm
- Harmonic output < -50dbc
- Input/output VSWR < 2:1

DC Requirements

- 5Vdc minimum supply Voltage = 4.7Vdc
- 5Vdc maximum supply voltage = 15.0Vdc
- Current demand 280mA

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 superheterdyne design
- Selectable C-Band frequency inputs for hopping/scanning applications

APPLICATIONS

- Commercial and military applications
- communications
- EW/SIGINT
- Radar

CONFIGURATIONS

Model Number	Configuration
HORIZON-RF-DC-C	Commercial temp 0°C - 50°C

*Please contact CEI for extended temperature range options