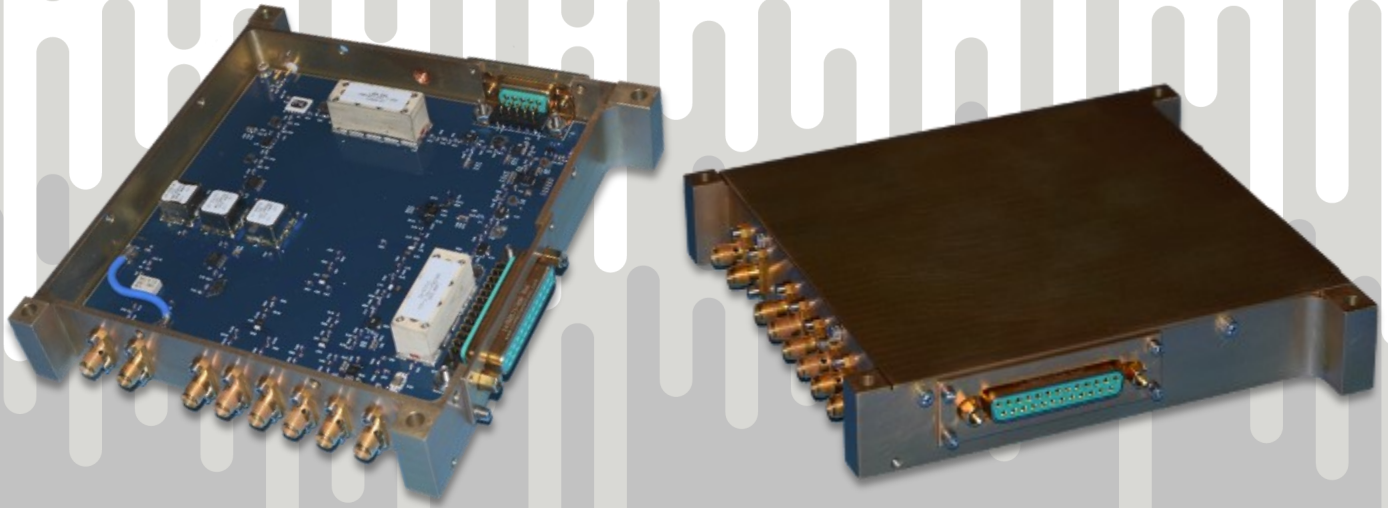


Cirrus RF-UC

High Power C-Band Up-Converter



RADIO FREQUENCY

SPECIFICATIONS

IF Frequency Input 40MHz +/- 20MHz

- Selectable output frequency = 5360.0MHz, 5405.0MHz, or 5450.0MHz
- Gain = 0db to 15db (0.5db steps)
- Input 1db compression point = +10dbm
- Maximum input level = 20dbm
- Spurious outputs < -65dbc
- Harmonic output < -45dbc
- Input / output VSWR < 2:1

DC Requirements

- 5Vdc minimum supply voltage = 4.7Vdc
- 1Vdc maximum supply voltage = 20.0Vdc
- Current demand 430mA

BENEFITS

- Precision gain control
- Low power consumption
- Small ruggedized construction
- High output power up to 20dbm
- 40MHz IF input to C-Band up-conversion
- Selectable C-Band RF frequency outputs

APPLICATIONS

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

CONFIGURATIONS

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

*Please contact CEI for extended temperature range options