

C-BAND

C-BAND 5200 PLL

5250F



FREQUENCY BANDS AVAILABLE

Input frequency (GHz)	3.4 – 4.2 GHz
L.O. frequency (GHz)	5.15 GHz
Output frequency (MHz)	950 – 1750 MHz

FEATURES

Ideal for DBV (Digital Broadcast Video), VSAT Broadband, Military Satcom, Point-of-Sale, and Oil and Gas applications

- LO Stability +/- 150 kHz to +/- 250 kHz
- 15 K noise temperature
- 580 grams / 20.5 ounces

TYPICAL SPECIFICATIONS

L.O. stability	±150 kHz, ±250 kHz
Noise temperature	15 K typ., 30 K max.
Phase noise	-65 dBc/Hz @ 1 kHz offset -80 dBc/Hz @ 10 kHz offset -95 dBc/Hz @ 100 kHz offset
Input VSWR & Output VSWR	2.5:1
Conversion gain	62 dB typical 55 dB min 70 dB max
Output P1dB	5 dBm
Power requirements	12 - 24V DC supplied through center conductor of IF cable
Current drain	250 mA
Input Waveguide	CPR 229G
Dimensions	190 (L) x 115 (W) x 78 (H) mm (7.1 x 4.0 x 2.8 in)
Weight	580 g / 20.5 oz
Temperature Range	-40°C to +60°C

