

Oscillators

C-Band

BLOCK UP-CONVERTER

- High Stability DRO Oscillator
- Stability Over Full Temperature Range — 4 ppm/°C
- Phase Noise Typically 93 dBc/Hz @ 10 kHz Offset
- Broadband, Double-Balanced Mixer
— 12 dB conversion Loss Typical
- Input 1 dB Compression Point +4 dBm
- Band Pass Filtering on Output to Provide
Out-of-Band Rejection
- In-Band Spurious <-40 dBc
- Internally-Regulated Voltage Minimizes Pushing
- Hermetically-Sealed Package
- -54° to +95°C Operation

UP-CONVERTER BLOCK DIAGRAM

