

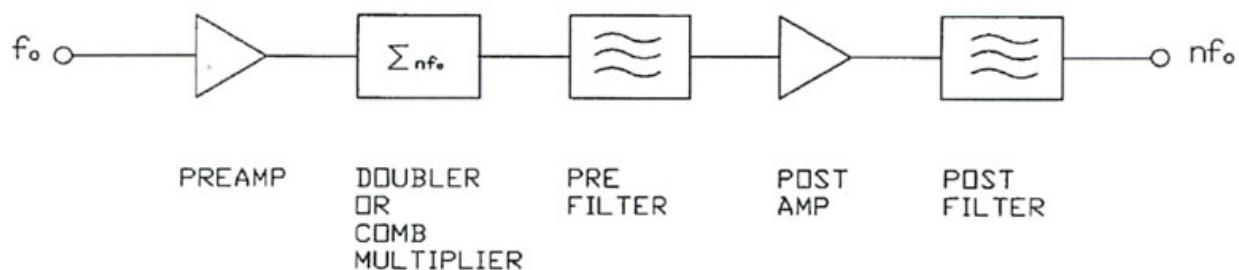
VERSATILE DESIGN CAPABILITIES FOR DIFFERENT REQUIREMENTS

- Input Frequency Range From: 50 MHz to 13 GHz
- Output Frequency Range From: 100 MHz to 26 GHz
- Input Power Level From: -40 dBm to +30 dBm
- Output Power Level: Up to +30dBm
- Harmonics or SubharmonicsSuppressions: -20 dBc to -70 dBc
- Low Added Phase Noise



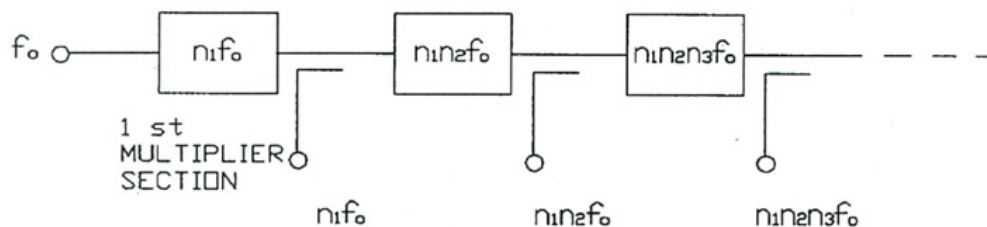
X4 Multiplier, 5 GHz/+10dBm Dual Output

TYPICAL BLOCK DIAGRAM



MULTIPLIER SECTION

- Optimized Design with Combination of Bipolar, FET and MMIC Amplifiers; Schottky Diode Doublers and SRD Combs; Microstrip and Mechanical Filters
- Series of Multiplier Chain for Various Higher Output Frequencies



TYPICAL MULTIPLIER CHAIN