

# Model 4024-A Insat-Band BDC

## Specifications

<b>INPUT FREQUENCY TO EXTERNAL BDC</b> .....	<b>4.5 - 4.8 GHz</b>
IF Output Frequency .....	960 to 1260 MHz, Inverted
Gain .....	20 db min, 35 db max
Level Stability .....	1 dB p-p Max, 27 MHz segment
1 Db compression point .....	+9 dBm min
Noise Temperature .....	30 K
Image Rejection .....	45 dB min
Local Oscillator Frequency .....	5.76 GHz
Local Oscillator Stability .....	±10 kHz
Local Oscillator Phase Noise .....	-75 dBc/Hz @ 1 kHz
Local Oscillator Leakage .....	-45 dBm max, measured at Waveguide input
Input Connector .....	Type N-Female
Output Connector .....	Type F, Female, 75 ohm
Dimensions .....	7.1" x 4.0" x 2.8"
Weight .....	25 oz
Operating Temperature .....	- 30 to +55 C
Relative Humidity .....	up to 100 % condensation and Frost
Power .....	+15 to 24 VDC, supplied on center conductor of IF cable
Current Draw .....	350 ma, typical

**Other Frequency Ranges are available.**

Please see <http://www.satsyscorp.com> for more information.



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