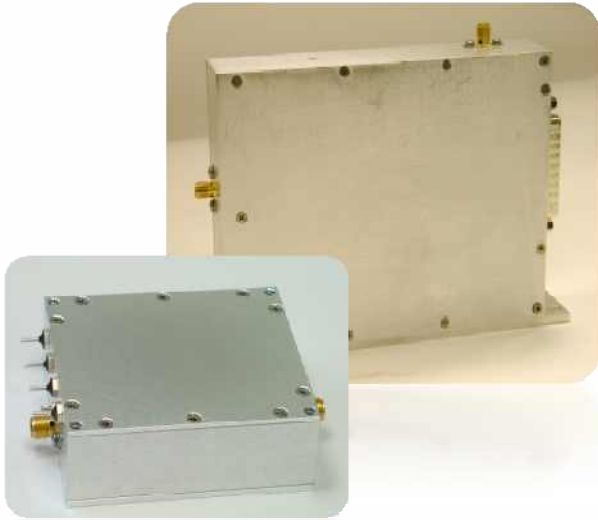


Block Up Converters for Driving TWTA



Applications

- VSAT / SatCom Applications
- TWTA Driving
- Test / Simulator

Features

- High Performance with Compact Size
- Low Phase Noise
- Low Power Consumption
- Internal / External 10MHz Reference
- 9-bit Attenuation (Option)
- Operating Temperature -30 ~ +70C
- Optional Temperature Range for Avionics -54 ~ +80C

Specification

Frequency Band	C Band	X Band	Ku Band	K Band	Ka Band
Output Frequency (GHz)	5.75 ~ 6.65 5.8 ~ 6.725	7.900~8.400	12.75 ~ 13.25 13.00 ~ 13.80 13.75 ~ 14.50 14.90 ~ 15.40 13.70 ~ 14.55	17.3~18.1	30.0~31.00
Input Frequency (MHz)	950 to 1850 950 to 1825	950 to 1450	950 to 1700 1000 to 1450 950 to 1750	950 to 1750	1000 to 2000
Output Power (1dB)	0 dBm min	0 dBm min	0 dBm min	0 dBm min	0 dBm min
Gain (dB)	15 dB min	15 dB min	15 dB min	15 dB min	15 dB min
Gain Control (Option)	30dB range 0.125dB step 9-bit				
LO Frequency (GHz)	4.8 4.9	6.95	11.80 12.05 13.05 12.80 13.90	16.35	29
Phase Noise					
@ 1KHz	-82dBc/Hz	-80dBc/Hz	-76dBc/Hz	-75dBc/Hz	-75dBc/Hz
@ 10 KHz	-92dBc/Hz	-90dBc/Hz	-86dBc/Hz	-85dBc/Hz	-85dBc/Hz
@ 100 KHz	-102dBc/Hz	-100dBc/Hz	-96dBc/Hz	-95dBc/Hz	-95dBc/Hz
External Reference Internal Reference	10 MHz	10 MHz	10 MHz	10 MHz	10 MHz
Supply Voltage (max)	15 ~24V @500mA	15 ~24V @500mA	15~24V @500mA	15~24V @500mA	15 ~24V @750mA

The specification subject to change without notice.

For the customized specification, price, and delivery ; Contact us

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