

Features

- ◆Low harmonics
- ◆Output frequency up to 20GHz
- ◆Excellent phase noise performance

Applications

- ◆R&D laboratories
- ◆Spread spectrum system

**Absolute Maximum Ratings**

Parameter	Symbol	Condition	Min.	Max.	Unit
Operating Temperature	To		-40	+70	°C
Storage Temperature	Ts		-40	+80	°C
RF Output Power	Pout			-2	dBm
Relative Humidity	HR			95	%
Pressure	PR		86	106	Kpa
ESD		Human body model		Class 1A	

Typical Specification (@25°C)

Parameter	Test Condition	Value	Unit
Input Frequency		4G ~ 8G	Hz
Input Power		+2 ~ +7	dBm
Output Frequency		8G~20G	Hz
Output Power		-5	dBm
SSB Phase Noise	@16GHz	-120 @100Hz -130 @1kHz -132 @10kHz -136 @100kHz -140 @1MHz -150 @10MHz	dBc/Hz
Spurious	@harmonics	< -45 (typ.)	dBc
Operating Voltage	DC	+15\+6\ -6	V
Operating Current	+6V	750	mA
	+15V	30	mA
	-6V	30	mA
RF Port Impedance	SMA	50	Ω



USA

410, 39650 Liberty Str. Ste.
Fremont, CA94538
USA
Tel: +1-510-498 8829
Email: sales@skyastar.com

China

C305, 27 Yayingshi Road
Science City, Guangzhou
China
Tel: +86-020-8225 8599
Email: sales@skyastar.com



Visit Our Website:
www.skyastar.com