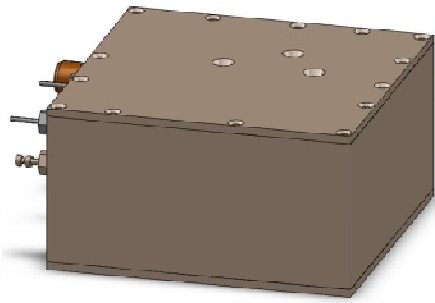


PLO (Phase Locked Oscillator)



Applications

- VSAT / SatCom Applications
- Radar application
- Test / Simulator

Features

- High Performance with Compact Size
- Low Phase Noise
- Low Power Consumption
- Operating Temperature -30 ~ +60C

Parameters	Unit	Typical Specifications	
Output Frequency	GHz	5.0 to 10.0GHz	10.0 to 20.0GHz
Output Power	dBm	12dBm ± 1dB	12dBm ± 1dB
Output Impedance	Ohm	50	50
Load VSWR		1.5:1	1.5:1
Supply Voltage	Vdc	12	12
Supply Current	mA	350	450
Spurious	dBc	-80	-80
Harmonics	dBc	-40	-40
Phase noise			
100Hz		-66	-60
1KHz		-93	-87
10KHz		-105	-99
100KHz		-110	-104
1MHz		-115	-109
	dBc/Hz		
Locked Alarm		TTL Low	TTL Low
Reference Frequency	MHz	External 10MHz or Internal	External 10MHz or Internal
Reference Power	dBm	0 +/-5dB	0 +/-5dB
Frequency Stability	ppm	Same ref / 1 to 5ppm	Same ref / 1 to 5ppm
Connector:			
RF Output		SMA(F)	SMA(F)
Reference Input		SMA(F) for External Ref.	SMA(F) for External Ref.
Locked Alarm		Feed thru	Feed thru
Supply Voltage		Feed thru	Feed thru
Ground		Solder Lug	Solder Lug
Operating Temperature	°C	-30 to +60	-30 to +60
Storage Temperature	°C	-45 to +85	-45 to +85

The specification subject to change without notice.



For the customized specification, price, and delivery ; Contact us
 #1005, Woolim Lions Valley 3rd, 5445 Sangdaewon-dong, Jungwon-gu, Seoungnam-si, Gyeonggi-do 462-819, Korea
 TEL : +82-31-713-6105 FAX : +82-31-720-5011 [Http://www.genmixtech.com](http://www.genmixtech.com)

