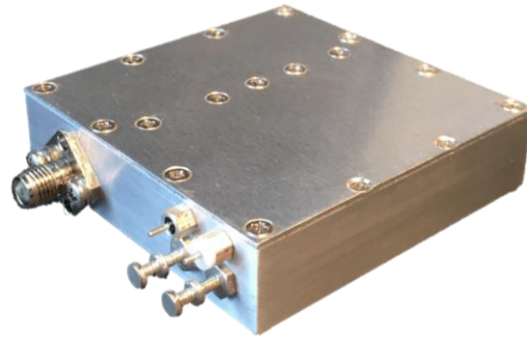


Features.

- ◆ PLO at 10000 MHz.
- ◆ TTL Unlock alarm.
- ◆ Internal voltage regulator.
- ◆ Optional -50/+90°C.



Description.

High stability oscillator at 10000 MHz with low phase noise, lock alarm and internal- externa reference.

The phase locked oscillators to the series PLO are available from MHz up to 26GHz. Optimal solution to use in both professional and military applications.

Custom solutions for frequency, output power, operating temperature, size, etc.

Specifications model IF-PLO-10000 (@ 25°C)

Specifications

Operating frequency	10000	MHz
Stability over temp	+/-1	ppm
Frequency precision	+/-0.1	ppm
Output Power	0 to +27	dbm
Power variation over Temp	0.5 to 3	db
Load RL min	-10	db
Spurs	-80	dbc
Harmonics	-20	dbc

Phase noise (typ)

100Hz	-74	dbc/Hz
1KHz	-96	dbc/Hz
10KHz	-97	dbc/Hz
100KHz	-97	dbc/Hz
1MHz	-114	dbc/Hz

External reference

Frequency	5 to100	MHz
Power	+3 to +10	dbm
Connector	SMA (f)	

Common features

Operating temperature	0/+50 to -50/+90	°C
Storage temperature	-55/+125	°C
Power Supply	+12 +/- 2	VDC
Lock Detection	TTL level	
Connectors	SMA (f)	
Dimensions	60x60x15	mm

(1): Body box