

FPDO-EI-10-30

Internal Reference & External Reference, 10MHz, 30GHz

Features:

- * High Frequency Stability
- * Ultra Low Phase Noise

Applications:

- * Wireless
- * Transceiver
- * Laboratory Test
- * Radar

Electrical

Output Frequency:	30GHz
Output Power:	15dBm min.
Reference Frequency:	10MHz
	(-120dBc/Hz max. @10Hz
	-140dBc/Hz max. @100Hz
	-155dBc/Hz max. @1KHz
	-165dBc/Hz max. @10KHz
	-165dBc/Hz max. @100KHz)
Reference Input Power:	0~+5dBm
Output Phase Noise:	-65dBc/Hz max. @100Hz
	-95dBc/Hz max. @1KHz
	-98dBc/Hz max. @10KHz
	-98dBc/Hz max. @100KHz
	-115dBc/Hz max. @1MHz
Output Spurious:	-68dBc max. @±(10MHz to 2GHz)
Output Harmonic:	-45dBc max. @7.5GHz,
	@15GHz, @22.5GHz, @37.5GHz
Voltage:	+12±0.5V DC
Current:	750mA max. (first)
	550mA max. (stable)
Lock Indicator (LI):	TTL logic
	High: locked
	Low: unlocked

Mechanical

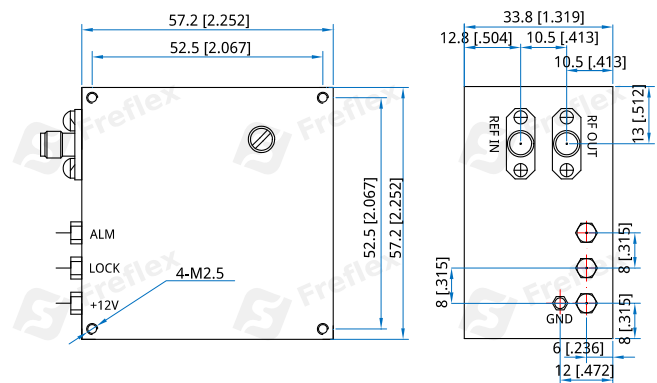
Size*1:	57.2*57.2*33.8mm
	2.252*2.252*1.319in
RF In Connectors:	SMA Female
RF Out Connectors:	2.92mm Female
Power Supply Interface:	Feed Through/Terminal Post
Mounting:	4-M2.5 through hole

[1] Exclude connectors.

Environmental

Operating Temperature:	-40~+75°C
Non-operating Temperature:	-55~+85°C

Outline Drawings



Unit: mm [in]

Tolerance: ±0.2mm [±0.008in]

How To Order

FPDO-EI-10-30

Customization is available upon request.