

## FPDO-E-10-1.6

External Reference, 10MHz, 1.6GHz

### Features:

- \* High Frequency Stability
- \* Ultra Low Phase Noise

### Applications:

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

### Electrical

Output Frequency:	1.6GHz
Output Power:	12dBm min.
Input Power:	0±3dBm
Spurious:	-70dBc max.(@±1GHz)
Harmonic:	-20dBc max.
External Reference:	10MHz
	-170dBc/Hz@10KHz
Phase Noise:	-103dBc/Hz@100Hz
	-126dBc/Hz@1KHz
	-128dBc/Hz@10KHz
	-126dBc/Hz@30KHz
	-133dBc/Hz@100KHz
	-144dBc/Hz@1MHz
Voltage:	+12V DC
Current:	600mA max.(start)
	450mA max.(stable)
Lock Indicator (LI):	TTL logic
	High: locked
	Low: unlocked

### Mechanical

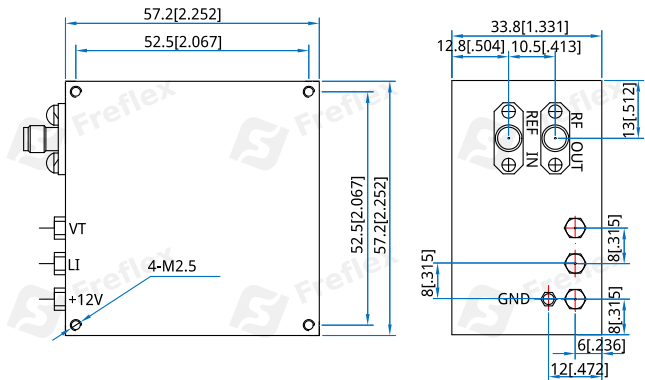
Size <sup>*1</sup> :	57.2*57.2*33.8mm
	2.252*2.252*1.331in
RF Connectors:	SMA Female
Power Supply Interface:	Feed Through/Terminal Post
Mounting:	4-M2.5 through-hole

[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-E-10-1.6**

Customization is available upon request.