

FPDO-E-100-5.8

External Reference, 100MHz, 5.8GHz

Features:

- * High Frequency Stability
- * Ultra Low Phase Noise

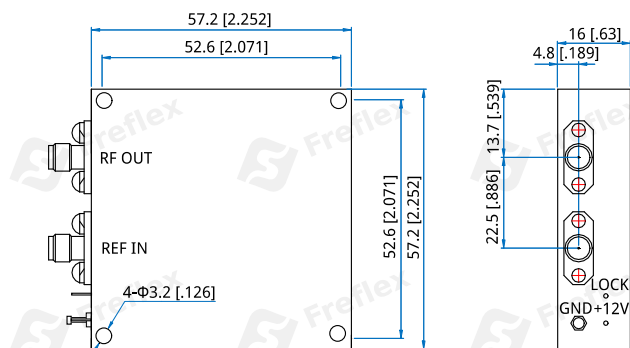
Applications:

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

Electrical

Output Frequency:	5.8GHz
Output Power:	13dBm min.
Spurious:	-75dBc max.
Harmonic:	-20dBc max.
External Reference:	100MHz
	(-100dBc/Hz@10Hz max.
	-160dBc/Hz@1KHz max.
	-185dBc/Hz@100KHz max.)
Frequency Stability	100MHz
Input Power:	0±5dBm
Phase Noise:	-60dBc/Hz@10Hz max.
	-105dBc/Hz@1KHz max.
	-125dBc/Hz@10KHz max.
	-140dBc/Hz@1MHz max.
	-140dBc/Hz@10MHz max.
Voltage:	+12V
Current:	400mA max.
Lock Indicator (LI):	TTL logic
	High: locked
	Low: unlocked

Outline Drawings



Unit: mm [in]

Tolerance: ±0.5mm [±0.02in]

How To Order

FPDO-E-100-5.8

Customization is available upon request.

Mechanical

Size*1:	57.2*57.2*16mm
	2.252*2.252*0.63in
RF Connectors:	SMA Female
Power Supply Interface:	Feed Through/Terminal Post
Mounting:	4-Φ3.2mm through-hole

[1] Exclude connectors.

Environmental

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