

FPDO-E-25-18.2

External Reference, 25MHz, 18.2GHz

Features:

- * High Frequency Stability
- * Ultra Low Phase Noise

Applications:

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

Electrical

Output Frequency:	18.2GHz
Output Power:	+13~+15dBm
External Reference:	25MHz
	(-110dBc/Hz max. @10Hz
	-137dBc/Hz max. @100Hz
	-150dBc/Hz max. @1KHz
	-165dBc/Hz max. @10KHz
	-165dBc/Hz max. @100KHz)
Reference Input Power:	+7~+13dBm
Phase Noise:	-40dBc/Hz max. @10Hz
	-65dBc/Hz max. @100Hz
	-80dBc/Hz max. @1KHz
	-93dBc/Hz max. @10KHz
	-103dBc/Hz max. @100KHz
	-115dBc/Hz max. @1MHz
	-128dBc/Hz max. @10MHz
	-143dBc/Hz max. @100MHz
	min.
Spurious:	-75dBc max.
	@±(10MHz to 2GHz)
Harmonic:	-20dBc max.
	(@9.1GHz/27.3GHz/36.4GHz)
Voltage:	+12±0.5V
Current:	450mA max. (stable)
	700mA max. (first)
Lock Indicator (LI):	TTL logic
	High: locked
	Low: unlocked

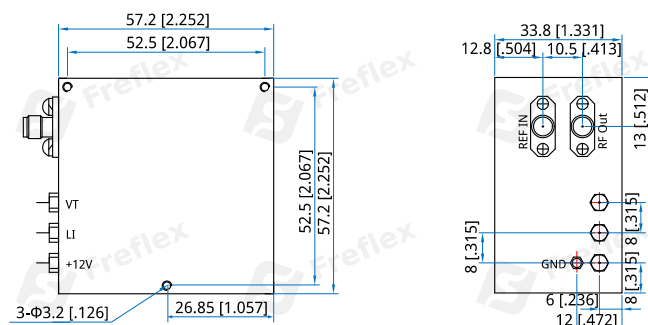
Environmental

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

Mechanical

Size*1:	57.2*57.2*33.8mm
	2.252*2.252*1.331in
RF Connectors:	SMA Female
Power Supply Interface:	Feed Through/Terminal Post
Mounting:	3-Φ3.2mm through-hole

Outline Drawings



Unit: mm [in]
Tolerance: ±0.2mm [±0.008in]

How To Order

FPDO-E-25-18.2

Customization is available upon request.