

FPDO-E-25-18.5

External Reference, 25MHz, 18.5GHz

Features:

- * High Frequency Stability
- * Ultra Low Phase Noise

Applications:

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

Electrical

Output Frequency:	18.5GHz
Output Power:	+13~+15dBm
Reference Input Power:	+7~+13dBm
Output Spurious:	-71dBc max. @±(10MHz to 2GHz)
Output Harmonics:	-20dBc max. @9.25GHz&27.75GHz
External Reference:	25MHz (-110dBc/Hz max. @10Hz -137dBc/Hz max. @100Hz -150dBc/Hz max. @1KHz -165dBc/Hz max. @10KHz -165dBc/Hz max. @100KHz)
Output 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.
Voltage:	+12±0.5V DC
Current:	600mA max. (first) 450mA max. (stable)
Lock Indicator (LI):	TTL logic High: locked Low: unlocked

Environmental

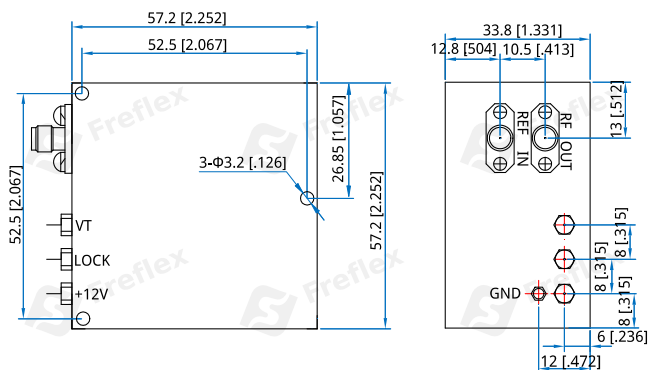
Operating Temperature:	-40~+75°C
Cold Start Temperature:	-45°C max.
Non-operating Temperature:	-55~+85°C

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

[1] Exclude connectors.

Outline Drawings



Unit: mm [in]

Tolerance: ±0.2mm [±0.008in]

How To Order

FPDO-E-25-18.5

Customization is available upon request.