

FPDO-I-100-20.2

Internal Reference, 100MHz, 20.2GHz

Features:

- * High Frequency Stability
- * Ultra Low Phase Noise

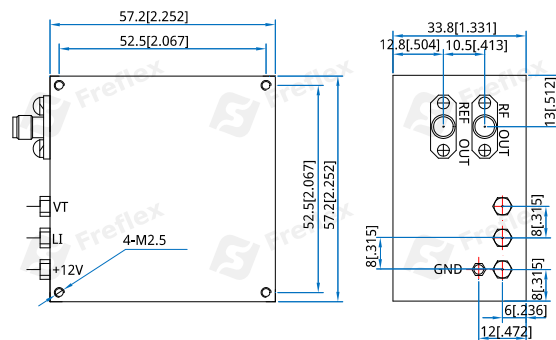
Applications:

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

Electrical

Output Frequency:	20.2GHz
Output Power:	0~+5dBm
Frequency Stability:	±0.1ppm max.
Output Spurious:	-65dBc max. @±(10MHz to 2GHz)
Output Harmonic:	-30dBc max. @10.1GHz&30.3GHz
Internal Reference:	100MHz
Output Phase Noise:	-90dBc/Hz@100Hz -110dBc/Hz@1KHz -120dBc/Hz@10KHz -120dBc/Hz@100KHz -125dBc/Hz@1MHz
Port VSWR:	1.8 max.
Voltage:	+12±0.5V DC
Current:	700mA max. (first) 450mA max. (stable)
Lock Indicator (LI):	TTL logic High: locked Low: unlocked

Outline Drawings



Unit: mm [in]

Tolerance: ±0.2mm [±0.008in]

How To Order

FPDO-I-100-20.2

Customization is available upon request.

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.

Environmental

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