

## FPDO-I-100-24

Internal Reference, 100MHz, 24GHz

### Features:

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

### Applications:

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

### Electrical

Output Frequency:	24GHz
Frequency Stability:	±1ppm max.
Output Power:	10dBm min
Internal Reference:	100MHz
Phase Noise:	-65dBc/Hz@100Hz -75dBc/Hz@1KHz -80dBc/Hz@10KHz -80dBc/Hz@100KHz -115dBc/Hz@1MHz
Spurious:	-65dBc max. @±1GHz
Voltage:	+12V DC
Current:	950mA max. (first) 800mA max. (stable)
Lock Indicator (LI):	TTL logic High: locked Low: unlocked

### Mechanical

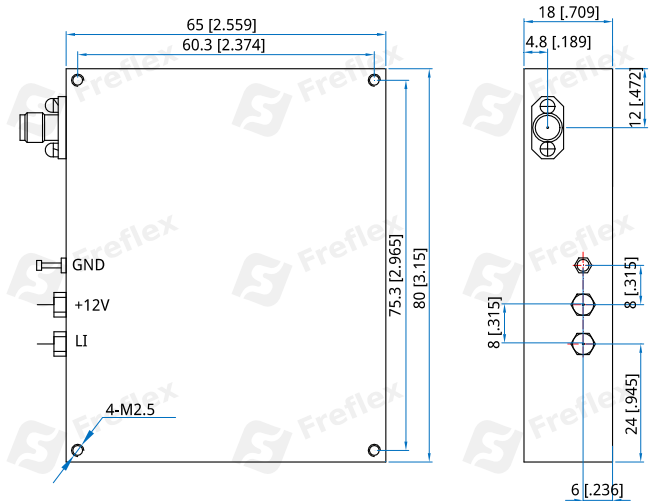
Size*1:	65*80*18mm 2.559*3.15*0.709in
RF Connectors:	SMA Female
Power Supply Interface:	Feed Through/Terminal Post
Mounting:	4-M2.5 through-hole

[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-I-100-24**

Customization is available upon request.