

## FDO-18000-10

### 18GHz, 10dBm

**Features:**

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

**Applications:**

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

**Electrical**

Frequency:	18GHz
Mechanical Tuning Frequency Range:	±25MHz
Frequency Stability:	±5ppm/°C
Output Power:	10dBm min.
Phase Noise:	-75dBc/Hz typ. @10KHz
Harmonic:	-25dBc max. @9GHz & 27GHz
Spurious:	-80dBc max.
Voltage:	+12V VCC
Current:	240mA max.

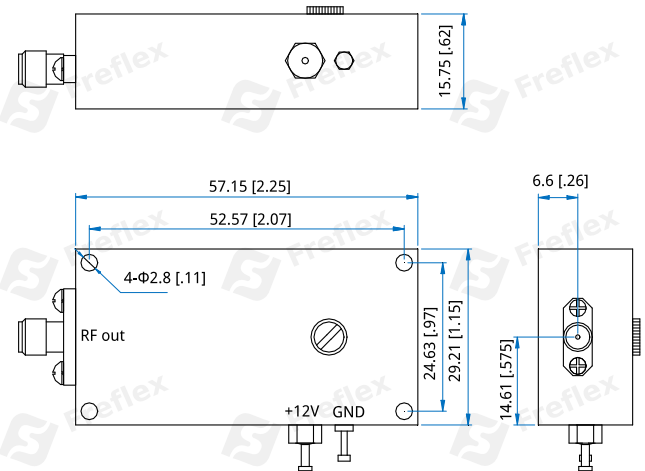
**Mechanical**

Size <sup>*1</sup> :	57.15*29.21*15.75mm 2.25*1.15*0.62in
RF Connectors:	SMA Female
Power Supply Connectors:	Feed Through/Terminal Post
Mounting:	4-Φ2.8mm through-hole

[1] Exclude connectors.

**Environmental**

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

**Outline Drawings**


Unit: mm [in]

Tolerance: ±0.2mm [±0.008in]

**How To Order**

**FDO-18000-10**

Customization is available upon request.