

# Jersey Microwave

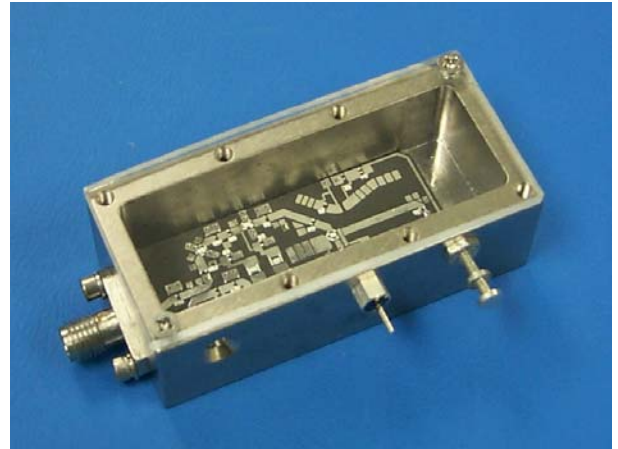
## Free-Running Dielectric Resonator Oscillator

### Features

- ✓ Small Size
- ✓ Low Cost
- ✓ High Reliability
- ✓ Low Phase Noise

### Options

- Alternative output
- Power to specific requirements



### Specifications

Parameter	FRDRO-XXXX-XX
Output Frequency (single frequency within the band)	1 - 18 GHz
Output Power	+16 dBm min.
Power Stability over Temperature	+/-1.5 dB
Frequency Accuracy	+/-100 MHz
Frequency Stability	+/-5 ppm / °C
Output Spurious	-70 dBc Max.
Harmonics	-25 dBc Max.
Load VSWR	2.0:1 Max.
SSB Phase Noise	10 kHz -85 dBc/Hz 100 kHz -100 dBc/Hz 1 MHz -125 dBc/Hz
Fault Alarm: TTL	H: Locked / L: Unlocked
Power Requirement	12 – 15 VDC @ 180 mA Max.
Operating Temperature	-10° C to +60° C
Connectors	Output SMA – Female DC In / Alarm / $\Phi$ V RFI Feedthrough
Package Size (LxWxH) Max.	2.25" x 1.047" x 0.812"

Jersey Microwave components can be tailored to meet your company's specific needs.

Note: Specifications are subject to change without notice