

## Ku-BAND PHASE LOCKED OSCILLATOR

- **VERY LOW PHASE NOISE**
- **LOW SPURIOUS**
- **COMPACT SIZE**
- **BUILT IN HIGH STABILITY REFERENCE**
- **HIGH RF POWER**

### Electrical characteristics:

Operating Frequency	15855.6 MHz
Output Power	+ 17 dBm typ. (+/-1.5 dBm in full temperature range)
Supply Voltage	+12V DC +/-0.5V
Current consumption	270 mA typ. @ +12V
Harmonics	< -20 dBc
In band Spurious	typical -68 dBc, max. -60 dBc
Subharmonics	typical -50 dBc, max. -40 dBc
Phase Lock Alarm	TTL "H" in Lock, TTL "L" in Unlock
Phase Noise	-65 dBc/Hz @ 100 Hz typ. (max. -59 dBc/Hz) -92 dBc/Hz @ 1 kHz typ. (max. -87 dBc/Hz) -97 dBc/Hz @ 10 kHz typ. (max. -91 dBc/Hz) -103 dBc/Hz @ 100 kHz typ. (max. -97 dBc/Hz)
Frequency stability	+/- 0.3 ppm
Connectors: RF Output	SMA female
Supply Voltage	Filtered feedthru
Phase Lock Alarm	Filtered feedthru
GND	Soldered Lug
Temperature range	-20°C to + 60°C (operate)/-40°C to + 80°C (storage)
Outline dimensions	76 x 57 x 15 mm

Specifications are subject to change without notice.

### Outline dimensions (mm):

