



Ka-BAND PHASE LOCKED OSCILLATOR

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

Electrical characteristics:

Operating Frequency	24943.2 MHz
Output Power	+ 17 dBm typ. (+/-1.8 dBm in full temperature range)
Supply Voltage	+12V DC +/-0.5V
Current consumption	320 mA typ. @ +12V
Harmonics	< -20 dBc
In band Spurious	typical -65 dBc, max. -60 dBc
Subharmonics	typical -50 dBc, max. -40 dBc
Phase Lock Alarm	TTL "H" in Lock, TTL "L" in Unlock
Phase Noise	-61 dBc/Hz @ 100 Hz typ. (max. -55 dBc/Hz) -89 dBc/Hz @ 1 kHz typ. (max. -83 dBc/Hz) -94 dBc/Hz @ 10 kHz typ. (max. -88 dBc/Hz) -100 dBc/Hz @ 100 kHz typ. (max. -94 dBc/Hz)
Frequency stability	+/- 0.3 ppm
Connectors:	RF Output: 2,92mm 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 x15 mm

Specifications are subject to change without notice.

Outline dimensions (mm):

