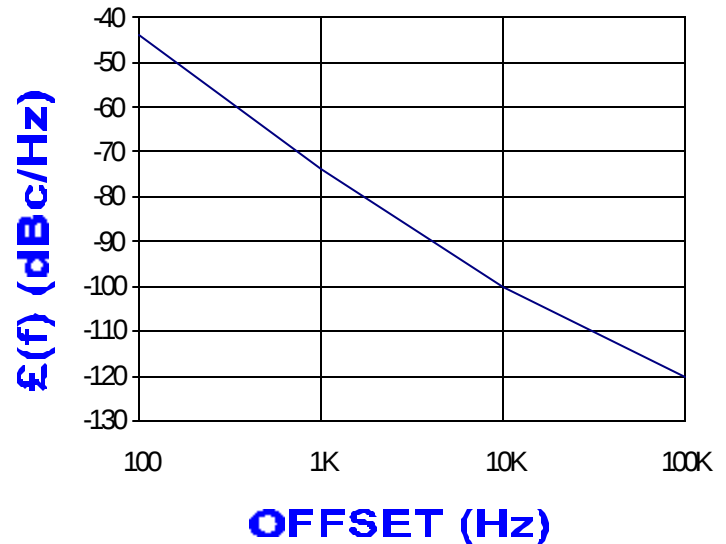


PHASE NOISE (1 Hz BW, typical)



FEATURES

- Frequency Range: 2135 - 2465 MHz
- Tuning Voltage: 2-14 Vdc
- S - Style Package

APPLICATIONS

- Satellite Communications
- Earthstations
- Broadcast Communications

PERFORMANCE SPECIFICATIONS

VALUE

UNITS

Oscillation Frequency Range	2135 - 2465	MHz
Phase Noise @ 10 kHz offset (1 Hz BW, typ.)	-100	dBc/Hz
Harmonic Suppression (2nd, typ.)	-20	dBc
Tuning Voltage	2-14	Vdc
Tuning Sensitivity (avg.)	35	MHz/V
Power Output	11±2	dBm
Load Impedance	50	Ω
Input Capacitance (max.)	50	pF
Pushing	<1	MHz/V
Pulling (14 dB Return Loss, Any Phase)	<11	MHz
Operating Temperature Range	-30 to 70	°C
Package Style	S	

POWER SUPPLY REQUIREMENTS

Supply Voltage (Vcc, nom.)	12	Vdc
Supply Current (Icc, typ.)	28	mA

All specifications are typical unless otherwise noted and subject to change without notice.

APPLICATION NOTES

- AN-100/1 : Mounting and Grounding of VCOs
- AN-102 : Proper Output Loading of VCOs
- AN-107 : How to Solder Z-COMM VCOs

NOTES:

DETAIL A

TABS RANGE FROM
D.006-D.010
(4 PLACES)