## Model Name 9740C

## Main Application

Mobile communication base station

## Features

- Excellent phase noise characteristics. (Compared to NDK' s existing products, phase noise characteristics have improved by 10 dB with the offset frequency at 1 kHz or more.)
- Excellent aging characteristics.


## RoHS Compliant Directive 2002/95/EC



## Specifications


*1 It is based on frequency after 48 hours operation.

## Reference Value

| Phase noise $(\mathrm{dBc} / \mathrm{Hz})$ | Offset frequency | CDE01 | BDE01 |
| :---: | :---: | :---: | :---: |
|  | 1 Hz | Max. -100 | Max. -90 |
|  | 10 Hz | Max. -130 | Max. -120 |
|  | 100 Hz | Max. -140 | Max. -140 |
|  | 1 kHz | Max. -150 | Max. -150 |
|  | 10 kHz | Max. -155 | Max. -155 |



## List of Ordering Codes

| Frequency <br> $(\mathrm{MHz})$ | Ordering Code |
| :---: | :---: |
| 5 | 9740C-5M-NSA3276A |
| 10 | 9740C-10M-NSA3276B |

The above frequencies are NDK's standard frequencies. Frequencies other than the above are available. Feel free to contact our sales representatives.

