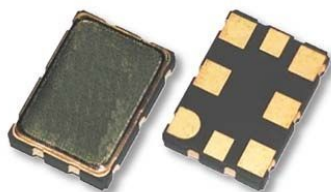




## The U-series XO: Ultra low jitter, high frequency oscillators

The U-series Crystal Oscillators have a ultra low phase jitter of 0.125 picosecond typical in the frequency range of 150MHz to 2.1GHz with LVPECL, LVDS an HCSL output. This makes the U-series XO excellent for Terabit Ethernet applications up to 400GbE (fiber networking, cloud and storage systems,...),



### Features:

- Ultra low phase jitter of 0.125 ps typical
- Frequency range from 150 MHz to 2.1 GHz
- Available with following supply voltages: 1.8V, 2.5V and 3.3V
- Operating temperature ranges up to -40°C to +85°C
- Output logic: LVPECL, LVDS or HCSL
- Available package sizes: 7.0 x 5.0 mm and 5.0 x 3.2 mm.

This evolution results in following new products:

In 5.0 x 3.2 mm package:

[SX5EU](#) : LVPECL

[SX5LU](#) : LVDS

[SX5HU](#) : HCSL

In 7.0 x 5.0 mm package:

[SX7EU](#) : LVPECL

[SX7LU](#) : LVDS

[SX7HU](#) : HCSL

Send your RFQ to [bce@bce.it](mailto:bce@bce.it)  
to check out our very competitive prices !!

(September, 2018)

**B.C.E. S.r.l.** - Via Regina Pacis, 54/c - I 41049 Sassuolo (MO), Italy

Tel: (+39) 0536 811616

Fax: (+39) 0536 811500

E-mail: [bce@bce.it](mailto:bce@bce.it)

Web: [www.bce.it](http://www.bce.it)