

## **Bliley's Latest Swept Quartz, SC Cut Crystals for Telecommunications, SATCOM/Space and Defense are Configurable with Rare Packaging and Customization Options**

*Design engineers specifying OCXOs or requiring ultra-low phase noise performance find solutions for challenging designs through Bliley's customizable SC Cut crystal series. Bliley is the only company worldwide offering SC Cut crystals enclosed in glass for ultra-low phase noise applications. Also offering unique dual mode functionality and available with customizable frequencies from 3.0 MHz to 150 MHz, Bliley's swept quartz, SC Cut crystals feature exceptional aging characteristics (as low as +/- 1.25 ppm for 20 years).*

ERIE, Pa. (August 16, 2010) – Bliley Technologies, Inc., a worldwide leader in crystal controlled frequency generation solutions, has introduced a new customizable, SC Cut (doubly-rotated) crystal series for telecommunications, SATCOM/space and defense applications. The series offers design engineers rare customization and packaging options, such as:

- Glass enclosures (available exclusively at Bliley Technologies)
- Customized platings on crystal blanks
- Dual mode operation functionality
- Four-point mount for ruggedized designs
- Customizable frequency range from 3.0 to 150 MHz
- Swept quartz for Ultra-High-Q
- Low profile holder
- RoHS compliant (lead free) when specified
- Superior stability via aging characteristics as low as +/- 1.25 ppm for 20 years
- Extreme shock resistance

"Within its 80 year history, Bliley has been engineering and advancing the technology of doubly-rotated, SC Cut crystals for more than 35 years. Expressly configured to offer electronics engineers the best phase noise performance available, they can be specified for any application requiring an OCXO and are well suited for radar, up and down converter and reference source applications, test equipment references, microwave lengths, and transmitter and receiver references," said Dennis Barrick, Bliley's Global Vice President of Marketing and Business Development.

To view complete online specifications, visit [www.bliley.com/datasheets/SC\\_Cut\\_Series\\_Crystals.pdf](http://www.bliley.com/datasheets/SC_Cut_Series_Crystals.pdf) (dual mode operation and glass packaging options are available by contacting Bliley's factory directly).

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*Bliley Introduces SC Cut Crystal Series – 2*

***About Bliley Technologies, Inc.:***

Bliley has been producing state-of-the-art, low phase noise products since 1930 and is recognized internationally as a provider of quality frequency generation solutions for these industries: SATCOM/space; military; aerospace electronics; wireless and wireline communication; instrumentation; and consumer electronics. The company specializes in producing frequency control components for demanding applications.

At its state-of-the-art, ISO 9001:2000 certified manufacturing facilities, Bliley designs and produces:

- Oven Controlled Crystal Oscillators (OCXOs)
- Temperature Compensated Crystal Oscillators (TCXOs)
- Voltage Controlled Crystal Oscillators (VCXOs)
- Crystal Oscillators (XOs)
- Precision AT, SC, IT & FC cut crystals
- Quartz Transducers.

For more information, contact Bliley ([www.bliley.com](http://www.bliley.com)) at 2545 West Grandview Boulevard, Erie, Pa., 16506-4512. Phone: (814) 838-3571.

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