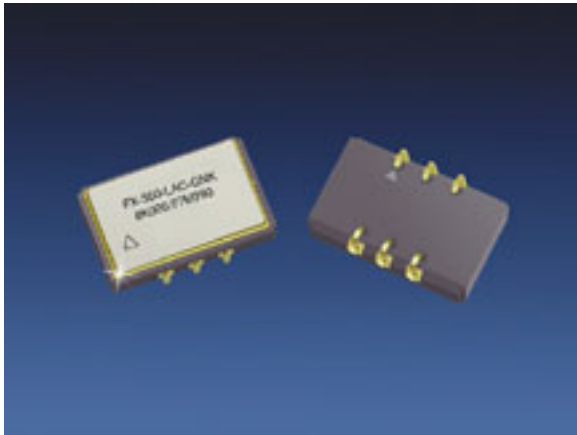


## Low Jitter Frequency Translator



Vectron International (VI) has introduced a new low jitter frequency translator designed to simplify a wide variety of frequency translation and clock smoothing applications. The FX-500 is a complete crystal-based frequency translator, providing superior stability and jitter performance. The new product offers a flexible solution that reduces design time, increases circuit reliability and reduces board space. Output frequency ranges from 1 kHz to 77.76 MHz, with a supply voltage that can be either 3.3 V or 5 V. The device is hermetically sealed in an industry standard 6 pin J-lead ceramic SMD package measuring only 14.0 mm  $\times$  9.0 mm  $\times$  4.5 mm. The small size, versatile functionality and high performance of the FX-500 make it ideal for various applications in SONET/SDH/ATM, WDM, Digital Cross Connect, DSLAM, DSLAR, Access Nodes, Cable Modem Head End and Base Station (GSM, CDMA).

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