

## High-Efficiency Tripler Development at VDI

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VDI continues to develop compact and all solid-state high-performance frequency triplers. No mechanical-tuners or whisker-contacted-diodes are used. The Typical 3dB bandwidth is 7% and the input return loss is greater than 25 dB at the band center. Recent 94GHz results are shown below. Input and output flanges are 2.9 mm coaxial and WR-10 respectively. A variety of designs for other frequency bands up to 800 GHz are under development.

For more information contact VDI Today.

