

## W Band Passive Tripler



**Model SFP-10328-S1** is a resistive diode based passive tripler. The tripler is designed and built with a balanced waveguide configuration, which offers low harmonic emission and high conversion efficiency. The tripler exhibits 20 dB typical conversion loss and converts +20 dBm input power at 25 GHz to 37 GHz to 0 dBm power at 75 to 111 GHz. The input port of the tripler is standard WR-28 waveguide with UG599/U flange and output port is standard WR-10 waveguide with UG387/U-M flange. The tripler measures 0.75" W x 1.60" L x 0.50" H. Other waveguide bands, such as WR-12 tripler and WR-15 doubler are available as standard models as well.

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