

CW Performance of Optically-Pumped Lasers in the Millimeter-Wave Spectral Region

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Optically pumped lasers are maturing as powerful coherent sources for the near millimeter spectral region, and especially for wavelengths shorter than 500 μm . Presented here is a summary of performance data and a discussion of the performance expectations for this new type of laser in the .9-2 mm region. The unique characteristics of optically pumped lasers will be described and compared to existing millimeter wave sources.

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