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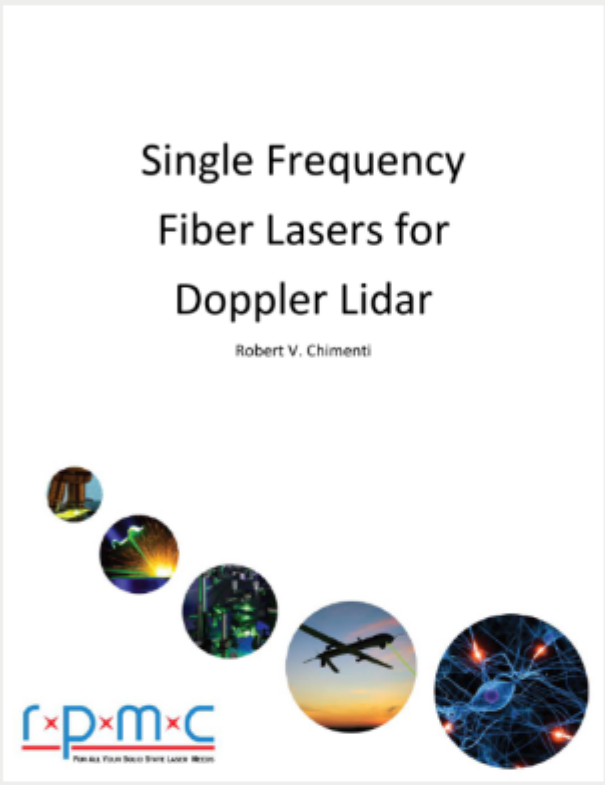

Single Frequency Fiber Lasers for Doppler Lidar

This article reviews Doppler lidar, which is widely used to measure the velocity of solid objects, winds, and aerosols. After reading this white paper, you will understand the entangled relationship between range and velocity resolution; and why it is so important to use single frequency laser sources for velocity measurement. This article goes on to provide a brief overview of fiber laser technology showing why it is the light source of choice for most commercial lidar applications.

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