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标题: Phase-Shifted Fiber Bragg Gratings for Terahertz Range

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摘要: We demonstrate notch filters in polymer fiber Bragg gratings for use at THz frequencies. The filters were created by introducing a $\pi/2$ -phase shift into narrowband Bragg gratings manufactured in Topas polymer subwavelength fiber. Experimental results are presented and compared with a model of the filter. Excess resonator loss of the notch filter is discussed.

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