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High Q low index contrast polymeric photonic crystal

January 1st, 2019 - We present the design fabrication and characterization of high Q Q 36 000 polymeric photonic crystal nanobeam cavities made of two polymers that have an ultra low index contrast ratio 1 15 and observed thermo optical bistability at hundred microwatt power level Due to the extended evanescent field and small mode volumes polymeric" Cavity

Resonators an overview ScienceDirect Topics

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resonators more specifically side coupled integrated spaced sequence of resonators with two waveguide channels or two channel SCISSORs 17 18'

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October 15th, 2016 - photonic crystal nanobeam cavities and Marko Loncar^{1,2} 1 School of Engineering and Applied Science Harvard University Cambridge MA 02138 2Wyss Institute for Biologically Inspired Engineering Editor Polymer Based Nanostructures 1st Edition Royal Society of Chemistry RSC Publishing 2010 7 C"**High Quality Factor Mechanical Resonators Based on WSe₂**

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