

MICROSTRIP INTERDIGITAL-HAIRPIN BANDPASS FILTER

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ABSTRACT

In this paper a bandpass filter designed using hairpin resonator is presented. The filter operating centre frequency is at 2.58GHz. The miniaturized band-pass filter is implemented using propose novel single layer technique. The substrate used is RO3003 with the thickness of 0.75mm and the value of dielectric constant is 3. The results of simulated response are presented to validate the idea.

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