

Narrow-Band Hairpin-Comb Filters for HTS and Other Applications

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The folded half-wavelength resonators in hairpin-comb filters all have the same orientation whereas the orientations of the resonators in conventional hairpin filters alternates. Hairpin-comb filters have attractive properties for design of compact, narrow-band filters such as are often desired for high-temperature-superconductivity and other applications.

 [Return to main document.](#)