

# Abstracts

## Novel reduced-size coplanar-waveguide bandpass filter using the new folded open stub structure

---

Shry-Sann Liao, Hsien-Ku Chen, Yin-Cheng Chang and Kun-Tai Li. "Novel reduced-size coplanar-waveguide bandpass filter using the new folded open stub structure." 2002 *Microwave and Wireless Components Letters* 12.12 (Dec. 2002 [MWCL]): 476-478.

Proposes a novel folded skill and a simpler method than that of older methods. The advantages of this new structure reveals a better skirt factor than that of the conventional folded  $\lambda/4$  series open stub, and it reduces the folded area of the conventional structure by at least 50%. Besides, by using the new folded  $\lambda/4$  open stub to realize a bandpass filter, the size of the circuit will be reduced greatly and achieve better stopband rejection.

[Return to main document.](#)