

# Abstracts

## A new enhanced coupling structure of microstrip ring resonator with two coupled lines and a slit

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*Ji-Yong Park and Jong-Chul Lee. "A new enhanced coupling structure of microstrip ring resonator with two coupled lines and a slit." 1998 MTT-S International Microwave Symposium Digest 98.2 (1998 Vol. II [MWSYM]): 805-808.*

A new type of enhanced coupling structure of microstrip ring resonator with two coupled lines and a slit is suggested. The insertion and return losses are shown to be improved compared with those of conventional line-to-ring resonator. Also, it has an intensive suppression above the third harmonic which is very useful for its application to microwave circuits.

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