

# Abstracts

## Coupling Between: A Microstrip Transmission Line and a Dielectric Resonator and Between Two Adjacent Dielectric Resonators for Application to Bandpass Filter

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*P. Guillon and Y. Garault. "Coupling Between: A Microstrip Transmission Line and a Dielectric Resonator and Between Two Adjacent Dielectric Resonators for Application to Bandpass Filter." 1976 MTT-S International Microwave Symposium Digest of Technical Papers 76.1 (1976 [MWSYM]): 200-202.*

News formulas are derived for the coupling coefficient between a microstrip line and a dielectric resonator, and between adjacent dielectric resonators. A comparison between theoretical and experimental coupling coefficient values show very good agreement. A M.I.C. filter using dielectric resonators is presented.

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