

# Abstracts

## Bandwidth Enlargement of a Millimeter-Wave Y Circulator with Half-Wavelength Line Resonators (Short Papers)

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Y. Akaiwa. "Bandwidth Enlargement of a Millimeter-Wave Y Circulator with Half-Wavelength Line Resonators (Short Papers)." 1974 Transactions on Microwave Theory and Techniques 22.12 (Dec. 1974, Part II [T-MTT] (1974 Symposium Issue)): 1283-1286.

Half-wavelength line resonators are employed to enlarge the bandwidth of a 50-GHz Y-circulator. The bandwidth is successfully increased from 3.5 to 5.5 GHz. The characteristics of the half-wavelength line resonator are described.

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