

Abstracts

A Compact Septum Polarizer

N.C. Albertsen and P. Skov-Madsen. "A Compact Septum Polarizer." 1983 Transactions on Microwave Theory and Techniques 31.8 (Aug. 1983 [T-MTT]): 654-660.

A waveguide polarizer with resonant notches in a septum is investigated. The Wiener-Hopf techniques employed to derive theoretical design data and the results are compared to experiments for a single-notch and a double-notch design. It is concluded that the agreement is good and the design useful for narrowband applications.

[Return to main document.](#)