

# Abstracts

## A High-Efficiency Quarter-Wave Zone Plate Reflector

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*Y.J. Guo and S.K. Barton. "A High-Efficiency Quarter-Wave Zone Plate Reflector." 1992 Microwave and Guided Wave Letters 2.12 (Dec. 1992 [MGWL]): 470-471.*

A multilayered quarter-wave zone plate reflector antenna operating in the microwave range is presented. The theory for designing the reflector and experimental results are given. An efficiency of 55% was obtained with a prototype reflector antenna.

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