

Folded Fabry-Perot Quasi-Optical Ring Resonator Diplexer: Theory and Experiment

H.M. Pickett and A.E.T. Chiou. "Folded Fabry-Perot Quasi-Optical Ring Resonator Diplexer: Theory and Experiment." 1983 Transactions on Microwave Theory and Techniques 31.5 (May 1983 [T-MTT]): 373-380.

Performance of folded Fabry-Perot quasi-optical ring resonator diplexers with different geometries of reflecting surfaces is investigated both theoretically and experimentally. Design of optimum surface geometry for minimum diffraction, together with the figure of merit indicating improvement in performance, are given.

 [Return to main document.](#)