

Abstracts

Microwave Four-Mirror Ring Resonator (Short Papers)

P.F. Checcacci, R. Falciai and A.M. Scheggi. "Microwave Four-Mirror Ring Resonator (Short Papers)." 1973 Transactions on Microwave Theory and Techniques 21.5 (May 1973 [T-MTT]): 361-362.

Experiments on an X-band four-mirror ring resonator are described. Measured frequency spacing and quality factor values are given. Clockwise and counterclockwise circulating modes are excited with different amplitudes. Fundamental mode patterns are shown across the circulating beam and across a mirror. They indicate that such modes are similar to those of a two-mirror Fabry-Perot (FP) resonator.

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