

10th International Crimean Microwave Conference.
"Microwave and Telecommunication Technology".
Conference Proceedings (IEEE Cat. No.00EX415)
11-15 Sept. 2000, Crimea, Ukraine
Accession Number: 6858592, pag. 452-453

Adjustable magnetorheologic gradient lenses

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<https://doi.org/10.1109/CRMICO.2000.1256179>

Abstract

Elaboration results of adjustable magnetorheologic gradient lenses based on Y₃/Fe₅O₁₂ powder are presented. Magnetorheologic lenses permit to change its focus radius by means of magnetic field.

Keywords: *lenses, magnetorheologic gradient lenses, magnetic fields, indium oxide*