

# Abstracts

## Operation of new type field displacement isolator in ridged waveguide

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Wen Junding, Wenquan Che, Yongzhing Xiong and Yongwu Wen. "Operation of new type field displacement isolator in ridged waveguide." 1997 *Transactions on Microwave Theory and Techniques* 45.5 (May 1997, Part I [T-MTT]): 698-700.

A new type ridged-waveguide field-displacement isolator is analyzed in this paper. Experimental result have been obtained for the isolation, insert loss, and voltage standing wave ratio (VSWR) in C- and X-band. The isolation and bandwidth are found to increase obviously.

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