

Abstracts

Duplexing Systems at Microwave Frequencies

A.F. Harvey. "Duplexing Systems at Microwave Frequencies." 1960 *Transactions on Microwave Theory and Techniques* 8.4 (Jul. 1960 [T-MTT]): 415-431.

The paper reviews the various methods of duplexing at microwave frequencies. General principles, including the use of passive and solid-state devices, are first discussed. The characteristics of gaseous-discharge duplexing tubes of both self- and externally-excited types are examined and data for typical examples given. The various arrangements of discharge tube duplexers and methods of measuring their performance are described. The survey concludes with a bibliography.

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