

Abstracts

Note on Tetrahedral Junction (Correspondence)

J. Helszajn. "Note on Tetrahedral Junction (Correspondence)." 1965 Transactions on Microwave Theory and Techniques 13.1 (Jan. 1965 [T-MTT]): 132-133.

Weiss has described a reactive waveguide switch consisting of a ferrite rod at the junction of two mutually cross-polarized rectangular waveguides, as shown in Fig. 1. When the ferrite rod is unmagnetized, the system represents a transition to cutoff waveguide. When the ferrite rod is longitudinally magnetized, the RF energy is coupled to the crossed waveguide.

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