

Octave Bandwidth L- and S-Band Stripline Discriminators (Correspondence)

M.L. Sisodia and O.P. Gandhi. "Octave Bandwidth L- and S-Band Stripline Discriminators (Correspondence)." 1967 Transactions on Microwave Theory and Techniques 15.4 (Apr. 1967 [T-MTT]): 271-272.

The purpose of this correspondence is to describe the design details and measured characteristics of two octave bandwidth stripline discriminators for L- and S-bands. The discriminators are constructed with the schematic arrangement described by Mohr using two 3 dB wideband directional couplers with an additional 3A/4 line (at the center frequency) in one of the branches. Mohr's correspondence, though briefly describing the experimental results on an L-band coaxial line discriminator, does not give design details of the unit.

 [Return to main document.](#)