

Abstracts

A Compact Planar Microstrip-Slotline Symmetrical Junction Comparator Circuit

G.P. Riblet. "A Compact Planar Microstrip-Slotline Symmetrical Junction Comparator Circuit." 1989 MTT-S International Microwave Symposium Digest 89.1 (1989 Vol. I [MWSYM]): 239-242.

In this paper it is shown that the common 8 port comparator circuit may be constructed as a fully symmetrical junction device. As an example a planar symmetrical comparator circuit which makes use of microstrip and slotline transmission lines is described. Its diameter may be a wavelength or less at mid-band.

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