

Abstracts

A Compact Thin Film Lumped Element Circulator Using a Capacitor, Common to All Three Arms, for Broadbanding or Switching

R.H. Knerr. "A Compact Thin Film Lumped Element Circulator Using a Capacitor, Common to All Three Arms, for Broadbanding or Switching." 1970 G-MTT International Microwave Symposium Digest of Technical Papers 70.1 (1970 [MWSYM]): 393-396.

A thin film lumped element circulator using only cross-over capacitances and a single capacitor common to all three ports, the equivalent circuit of which is shown in Figure 1a, has yielded a 20 dB bandwidth > 30%.

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