

Abstracts

Analysis of six-port disk circulator using subdivided ports

K. Gaukel and El.-B. El-Sharawy. "Analysis of six-port disk circulator using subdivided ports." 2000 MTT-S International Microwave Symposium Digest 00.2 (2000 Vol. II [MWSYM]): 905-908.

This paper presents an accurate analysis of six port circulators. Each port is subdivided into several ports with edge effects taken into consideration. The six-port circulator offers lower frequency and broader band than similar three-port circulators. Analysis presented in this paper is verified by comparison to experimental results.

 [Return to main document.](#)