

Abstracts

Y Junction Circulator Analysis

Z.C.S. Lint, A. Delfour and A. Priou. "Y Junction Circulator Analysis." 1975 MTT-S International Microwave Symposium Digest of Technical Papers 75.1 (1975 [MWSYM]): 247-249.

We bring to evidence the operation of partially magnetized below resonance Y junction circulators. We elaborate a complete computer program taking into account this state as well as the material dielectric and magnetic losses. We call for your attention upon the prevailing importance of the ψ parameter in the definition of narrow and wide band circulators, whether they be of the classical or composite type.

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