

Bandwidth Enlargement of a Millimeter Wave Y-Circulator with Half Wavelength Line Resonators

Y. Akaiwa. "Bandwidth Enlargement of a Millimeter Wave Y-Circulator with Half Wavelength Line Resonators." 1974 S-MTT International Microwave Symposium Digest of Technical Papers 74.1 (1974 [MWSYM]): 290-292.

Half wavelength line resonators are employed to enlarge the bandwidth of a 50 GHz Y-circulator. The resonator has a very simple structure that a rectangular metal block is placed in a waveguide. The bandwidth is enlarged from 3.5 GHz to 5.5 GHz.

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