

Abstracts

A Millimeter-Wave Reflection-Beam Isolator (Short Papers)

M. Kanda and W.G. May. "A Millimeter-Wave Reflection-Beam Isolator (Short Papers)." 1975 Transactions on Microwave Theory and Techniques 23.6 (Jun. 1975 [T-MTT]): 506-508.

A new and simple type of millimeter-wave isolator using a solid-state magnetoplasma in a reflection-beam system is described. Some data are presented showing performance at 94 GHz. Practical considerations indicate that performance should be much closer to ideal at higher frequencies.

[Return to main document.](#)