

Abstracts

A 4-40 GHz Wide Bandwidth, Magnetically Tuned Bandpass Filter

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In recent years, as microwave test equipment evolved, the need for a coaxial input/output bandpass filter that can tune from 4 to 40 GHz has become evident. This filter also needs a pass-band much wider than any of the previously available YIG filters. To meet these needs a special non-YIG ferrite filter was designed and built. This article discusses the key problems and solutions in the development of this new microwave filter.

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